

Date _____



Name _____

Add a Ten and Some Ones

| 1. | 10 + 1 = | 16. | 3 + 10 = |
|-----|----------|-----|-----------|
| 2. | 10 + 2 = | 17. | 4 + 10 = |
| 3. | 10 + 4 = | 18. | 1 + 10 = |
| 4. | 10 + 3 = | 19. | 2 + 10 = |
| 5. | 10 + 5 = | 20. | 5 + 10 = |
| 6. | 10 + 6 = | 21. | = 10 + 5 |
| 7. | = 10 + 1 | 22. | = 10 + 8 |
| 8. | = 10 + 4 | 23. | = 10 + 9 |
| 9. | = 10 + 3 | 24. | = 10 + 6 |
| 10. | = 10 + 5 | 25. | = 10 + 7 |
| 11. | = 10 + 2 | 26. | 16 = + 6 |
| 12. | 10 + 6 = | 27. | 8 + = 18 |
| 13. | 10 + 9 = | 28. | + 10 = 17 |
| 14. | 10 + 7 = | 29. | 19 = + 10 |
| 15. | 10 + 8 = | 30. | 18 = 8 + |



Lesson 1 Sprint 2•1

Improvement: _____ Number Correct: <

B

Name _____

Date _____

Add a Ten and Some Ones

| 1. | 10 + 5 = | 16. | 4 + 10 = |
|-----|----------|-----|-----------|
| 2. | 10 + 4 = | 17. | 3 + 10 = |
| 3. | 10 + 3 = | 18. | 2 + 10 = |
| 4. | 10 + 2 = | 19. | 1 + 10 = |
| 5. | 10 + 1 = | 20. | 3 + 10 = |
| 6. | 10 + 5 = | 21. | = 10 + 6 |
| 7. | = 10 + 4 | 22. | = 10 + 9 |
| 8. | = 10 + 2 | 23. | = 10 + 5 |
| 9. | = 10 + 1 | 24. | = 10 + 7 |
| 10. | = 10 + 3 | 25. | = 10 + 8 |
| 11. | = 10 + 4 | 26. | 17 = + 7 |
| 12. | 10 + 6 = | 27. | 3 + = 13 |
| 13. | 10 + 7 = | 28. | + 10 = 16 |
| 14. | 10 + 9 = | 29. | 18 = + 10 |
| 15. | 10 + 8 = | 30. | 17 = 7 + |



Lesson 2 Sprint 2•1

Number Correct: 🗧

Date _____



A

Name _____

Add Tens and Ones

| 1. | 10 + 3 = | 16. | 10 + = 13 |
|-----|----------|-----|-----------|
| 2. | 20 + 2 = | 17. | 40 + = 42 |
| 3. | 30 + 4 = | 18. | 60 + = 61 |
| 4. | 50 + 3 = | 19. | 70 + = 75 |
| 5. | 20 + 5 = | 20. | 80 + = 83 |
| 6. | 50 + 5 = | 21. | 60 + 9 = |
| 7. | = 40 + 1 | 22. | 80 + 9 = |
| 8. | = 20 + 4 | 23. | 80 + = 86 |
| 9. | = 20 + 3 | 24. | 90 + = 97 |
| 10. | = 30 + 5 | 25. | + 6 = 76 |
| 11. | = 40 + 5 | 26. | + 6 = 86 |
| 12. | 30 + 6 = | 27. | 86 = + 6 |
| 13. | 20 + 9 = | 28. | + 60 = 67 |
| 14. | 40 + 7 = | 29. | 95 = + 90 |
| 15. | 50 + 8 = | 30. | 97 = 7 + |



Lesson 2 Sprint

Improvement: _____ Number Correct:



Name _

B

Date ____

Add Tens and Ones

| 1. | 10 + 2 = | 16. | 10 + = 12 |
|-----|----------|-----|-----------|
| 2. | 20 + 3 = | 17. | 40 + = 42 |
| 3. | 30 + 4 = | 18. | 60 + = 61 |
| 4. | 50 + 4 = | 19. | 70 + = 75 |
| 5. | 40 + 5 = | 20. | 80 + = 83 |
| 6. | 50 + 1 = | 21. | 70 + 8 = |
| 7. | = 50 + 1 | 22. | 80 + 8 = |
| 8. | = 20 + 4 | 23. | 70 + = 76 |
| 9. | = 20 + 2 | 24. | 90 + = 99 |
| 10. | = 30 + 5 | 25. | + 8 = 78 |
| 11. | = 40 + 3 | 26. | + 6 = 96 |
| 12. | 30 + 7 = | 27. | 86 = + 6 |
| 13. | 20 + 8 = | 28. | + 60 = 67 |
| 14. | 40 + 9 = | 29. | 95 = + 90 |
| 15. | 50 + 6 = | 30. | 97 = 7 + |



Number Correct: 🗧

Name

A

Date _____

*Write the missing number. Pay attention to the + and - signs.

| 1. | 3 + 1 = | 16. | 6 + 2 = |
|-----|----------|-----|-----------|
| 2. | 13 + 1 = | 17. | 56 + 2 = |
| 3. | 23 + 1 = | 18. | 7 + 2 = |
| 4. | 1 + 2 = | 19. | 67 + 2 = |
| 5. | 11 + 2 = | 20. | 87 + 2 = |
| 6. | 21 + 2 = | 21. | 7 - 2 = |
| 7. | 31 + 2 = | 22. | 47 - 2 = |
| 8. | 61 + 2 = | 23. | 67 - 2 = |
| 9. | 4 - 1 = | 24. | 26 + 3 = |
| 10. | 14 - 1 = | 25. | 56 + = 59 |
| 11. | 24 - 1 = | 26. | + 3 = 76 |
| 12. | 54 - 1 = | 27. | 57 = 54 |
| 13. | 5 - 3 = | 28. | 77 = 74 |
| 14. | 15 - 3 = | 29. | 4 = 73 |
| 15. | 25 - 3 = | 30. | 4 = 93 |



Lesson 3 Sprint 2•1

Number Correct:

Name

B

Date _____

*Write the missing number. Pay attention to the + and - signs.

| 2 + 1 = | 16. | 7 + 2 = |
|----------|--|---|
| 12 + 1 = | 17. | 67 + 2 = |
| 22 + 1 = | 18. | 4 + 5 = |
| 3 + 2 = | 19. | 54 + 5 = |
| 13 + 2 = | 20. | 84 + 5 = |
| 23 + 2 = | 21. | 8 - 6 = |
| 43 + 2 = | 22. | 48 - 6 = |
| 63 + 2 = | 23. | 78 - 6 = |
| 5 - 1 = | 24. | 33 + 4 = |
| 15 - 1 = | 25. | 63 + = 67 |
| 25 - 1 = | 26. | + 3 = 77 |
| 45 - 1 = | 27. | 59 = 56 |
| 5 - 4 = | 28. | 79 = 76 |
| 15 - 4 = | 29. | 6 = 73 |
| 25 - 4 = | 30. | 6 = 93 |
| | $12 + 1 = _$ $22 + 1 = _$ $3 + 2 = _$ $13 + 2 = _$ $23 + 2 = _$ $43 + 2 = _$ $63 + 2 = _$ $5 - 1 = _$ $15 - 1 = _$ $25 - 1 = _$ $45 - 1 = _$ $5 - 4 = _$ $15 - 4 = _$ | 12 + 1 = 17. $22 + 1 = $ 18. $3 + 2 = $ 19. $13 + 2 = $ 20. $23 + 2 = $ 21. $43 + 2 = $ 21. $63 + 2 = $ 22. $63 + 2 = $ 23. $5 - 1 = $ 24. $15 - 1 = $ 25. $25 - 1 = $ 26. $45 - 1 = $ 27. $5 - 4 = $ 28. $15 - 4 = $ 29. |



..

| Α | Subtract. | | # Correct |
|----|-----------|----|------------|
| 1 | 3 - 1 = | 23 | 6 7 - 4 = |
| 2 | 13 - 1 = | 24 | 17 - 4 = |
| 3 | 5 - 1 = | 25 | 5 7 - 5 = |
| 4 | 15 - 1 = | 26 | 5 17 - 5 = |
| 5 | 7 - 1 = | 27 | 9 - 5 = |
| 6 | 17 - 1 = | 28 | 19 - 5 = |
| 7 | 4 - 2 = | 29 | 7 - 6 = |
| 8 | 14 - 2 = | 30 | 17 - 6 = |
| 9 | 6 - 2 = | 31 | 9 - 6 = |
| 10 | 16 - 2 = | 32 | 19 - 6 = |
| 11 | 8 - 2 = | 33 | 8 - 7 = |
| 12 | 18 - 2 = | 34 | 18 - 7 = |
| 13 | 4 - 3 = | 35 | 9 - 8 = |
| 14 | 14 - 3 = | 36 | 5 19 - 8 = |
| 15 | 6 - 3 = | 37 | 7 - 3 = |
| 16 | 16 - 3 = | 38 | 3 17 - 3 = |
| 17 | 8 - 3 = | 39 | 5 - 4 = |
| 18 | 18 - 3 = | 40 | 15 - 4 = |
| 19 | 6 - 4 = | 41 | 8 - 5 = |
| 20 | 16 - 4 = | 42 | 18 - 5 = |
| 21 | 8 - 4 = | 43 | 8 - 6 = |
| 22 | 18 - 4 = | 44 | 18 - 6 = |



Count up and down between 90 and 1,000 using ones, tens, and hundreds.

8/7/13

| В | Subtract. | Improvemer | nt | # Correct |
|----|-----------|------------|----------|-----------|
| 1 | 2 - 1 = | 23 | 9 - 4 = | |
| 2 | 12 - 1 = | 24 | 19 - 4 = | |
| 3 | 4 - 1 = | 25 | 6 - 5 = | |
| 4 | 14 - 1 = | 26 | 16 - 5 = | |
| 5 | 6 - 1 = | 27 | 8 - 5 = | |
| 6 | 16 - 1 = | 28 | 18 - 5 = | |
| 7 | 3 - 2 = | 29 | 8 - 6 = | |
| 8 | 13 - 2 = | 30 | 18 - 6 = | |
| 9 | 5 - 2 = | 31 | 9 - 6 = | |
| 10 | 15 - 2 = | 32 | 19 - 6 = | |
| 11 | 7 - 2 = | 33 | 9 - 7 = | |
| 12 | 17 - 2 = | 34 | 19 - 7 = | |
| 13 | 5 - 3 = | 35 | 9 - 8 = | |
| 14 | 15 - 3 = | 36 | 19 - 8 = | |
| 15 | 7 - 3 = | 37 | 8 - 3 = | |
| 16 | 17 - 3 = | 38 | 18 - 3 = | |
| 17 | 9 - 3 = | 39 | 6 - 4 = | |
| 18 | 19 - 3 = | 40 | 16 - 4 = | |
| 19 | 5 - 4 = | 41 | 9 - 5 = | |
| 20 | 15 - 4 = | 42 | 19 - 5 = | |
| 21 | 7 - 4 = | 43 | 7 - 6 = | |
| 22 | 17 - 4 = | 44 | 17 - 6 = | |



Count up and down between 90 and 1,000 using ones, tens, and hundreds.

Name _____

Date _____

| | | | 1 |
|------------|-------------|----|-------------|
| A 1 | 5 + 5 + 5 = | 23 | 1 + 9 + 5 = |
| 2 | 9 + 1 + 3 = | 24 | 3 + 5 + 5 = |
| 3 | 2 + 8 + 4 = | 25 | 8 + 4 + 6 = |
| 4 | 3 + 7 + 2 = | 26 | 9 + 7 + 1 = |
| 5 | 4 + 6 + 9 = | 27 | 2 + 6 + 8 = |
| 6 | 9 + 0 + 6 = | 28 | 0 + 8 + 7 = |
| 7 | 3 + 0 + 8 = | 29 | 8 + 4 + 3 = |
| 8 | 2 + 7 + 7 = | 30 | 9 + 2 + 2 = |
| 9 | 6 + 6 + 6 = | 31 | 4 + 4 + 4 = |
| 10 | 7 + 8 + 4 = | 32 | 6 + 8 + 5 = |
| 11 | 3 + 5 + 9 = | 33 | 4 + 5 + 7 = |
| 12 | 9 + 1 + 1 = | 34 | 7 + 3 + 1 = |
| 13 | 5 + 5 + 6 = | 35 | 6 + 4 + 3 = |
| 14 | 8 + 2 + 8 = | 36 | 1 + 9 + 9 = |
| 15 | 3 + 4 + 7 = | 37 | 5 + 8 + 5 = |
| 16 | 5 + 0 + 8 = | 38 | 3 + 3 + 5 = |
| 17 | 6 + 2 + 6 = | 39 | 7 + 0 + 6 = |
| 18 | 6 + 3 + 9 = | 40 | 4 + 5 + 9 = |
| 19 | 2 + 4 + 7 = | 41 | 4 + 8 + 4 = |
| 20 | 3 + 8 + 6 = | 42 | 2 + 6 + 7 = |
| 21 | 5 + 7 + 6 = | 43 | 3 + 5 + 6 = |
| 22 | 3 + 6 + 9 = | 44 | 2 + 6 + 9 = |



Lesson 4: Date:

Count up to 1,000 on the place value chart.

Name

Date _____

| B 1 | 5 + 5 + 4 = | 23 | 8 + 2 + 5 = |
|------------|-------------|----|-------------|
| 2 | 7 + 3 + 5 = | 24 | 9 + 1 + 6 = |
| 3 | 1 + 9 + 8 = | 25 | 3 + 6 + 4 = |
| 4 | 4 + 6 + 2 = | 26 | 3 + 2 + 7 = |
| 5 | 2 + 8 + 9 = | 27 | 4 + 8 + 6 = |
| 6 | 7 + 0 + 6 = | 28 | 9 + 9 + 0 = |
| 7 | 4 + 0 + 9 = | 29 | 0 + 7 + 5 = |
| 8 | 2 + 9 + 9 = | 30 | 8 + 4 + 4 = |
| 9 | 4 + 5 + 4 = | 31 | 3 + 8 + 8 = |
| 10 | 8 + 7 + 5 = | 32 | 5 + 7 + 6 = |
| 11 | 2 + 7 + 9 = | 33 | 3 + 4 + 9 = |
| 12 | 9 + 1 + 2 = | 34 | 3 + 7 + 3 = |
| 13 | 6 + 4 + 5 = | 35 | 6 + 4 + 5 = |
| 14 | 8 + 2 + 3 = | 36 | 7 + 9 + 1 = |
| 15 | 1 + 4 + 9 = | 37 | 2 + 6 + 8 = |
| 16 | 3 + 8 + 0 = | 38 | 5 + 3 + 7 = |
| 17 | 7 + 4 + 7 = | 39 | 6 + 0 + 9 = |
| 18 | 5 + 3 + 8 = | 40 | 2 + 5 + 7 = |
| 19 | 7 + 3 + 4 = | 41 | 3 + 6 + 3 = |
| 20 | 5 + 8 + 6 = | 42 | 4 + 2 + 9 = |
| 21 | 7 + 6 + 4 = | 43 | 6 + 3 + 5 = |
| 22 | 5 + 8 + 4 = | 44 | 7 + 2 + 9 = |



Count up to 1,000 on the place value chart.

Name _____

Date _____

| | | | 1 | |
|------------|----------------|----|----------------|--|
| A 1 | 20 + 1 = | 23 | 400 + 20 + 5 = | |
| 2 | 20 + 2 = | 24 | 200 + 60 + 1 = | |
| 3 | 20 + 3 = | 25 | 200 + 1 = | |
| 4 | 20 + 9 = | 26 | 300 + 1 = | |
| 5 | 30 + 9 = | 27 | 400 + 1 = | |
| 6 | 40 + 9 = | 28 | 500 + 1 = | |
| 7 | 80 + 9 = | 29 | 700 + 1 = | |
| 8 | 40 + 4 = | 30 | 300 + 50 + 2 = | |
| 9 | 50 + 5 = | 31 | 300 + 2 = | |
| 10 | 10 + 7 = | 32 | 100 + 10 + 7 = | |
| 11 | 20 + 5 = | 33 | 100 + 7 = | |
| 12 | 200 + 30 = | 34 | 700 + 10 + 5 = | |
| 13 | 300 + 40 = | 35 | 700 + 5 = | |
| 14 | 400 + 50 = | 36 | 300 + 40 + 7 = | |
| 15 | 500 + 60 = | 37 | 300 + 7 = | |
| 16 | 600 + 70 = | 38 | 500 + 30 + 2 = | |
| 17 | 700 + 80 = | 39 | 500 + 2 = | |
| 18 | 200 + 30 + 5 = | 40 | 2 + 500 = | |
| 19 | 300 + 40 + 5 = | 41 | 2 + 600 = | |
| 20 | 400 + 50 + 6 = | 42 | 2 + 40 + 600 = | |
| 21 | 500 + 60 + 7 = | 43 | 3 + 10 + 700 = | |
| 22 | 600 + 70 + 8 = | 44 | 8 + 30 + 700 = | |



Name _____

Date _____

| B 1 | 10 + 1 = | 23 | 500 + 30 + 6 = | |
|------------|----------------|----|----------------|--|
| 2 | 10 + 2 = | 24 | 300 + 70 + 1 = | |
| 3 | 10 + 3 = | 25 | 300 + 1 = | |
| 4 | 10 + 9 = | 26 | 400 + 1 = | |
| 5 | 20 + 9 = | 27 | 500 + 1 = | |
| 6 | 30 + 9 = | 28 | 600 + 1 = | |
| 7 | 70 + 9 = | 29 | 900 + 1 = | |
| 8 | 30 + 3 = | 30 | 400 + 60 + 3 = | |
| 9 | 40 + 4 = | 31 | 400 + 3 = | |
| 10 | 80 + 7 = | 32 | 100 + 10 + 5 = | |
| 11 | 90 + 5 = | 33 | 100 + 5 = | |
| 12 | 100 + 20 = | 34 | 800 + 10 + 5 = | |
| 13 | 200 + 30 = | 35 | 800 + 5 = | |
| 14 | 300 + 40 = | 36 | 200 + 30 + 7 | |
| 15 | 400 + 50 = | 37 | 200 + 7 = | |
| 16 | 500 + 60 = | 38 | 600 + 40 + 2 = | |
| 17 | 600 + 70 = | 39 | 600 + 2 = | |
| 18 | 300 + 40 + 5 = | 40 | 2 + 600 = | |
| 19 | 400 + 50 + 6 = | 41 | 3 + 600 = | |
| 20 | 500 + 60 + 7 = | 42 | 3 + 40 + 600 = | |
| 21 | 600 + 70 + 8 = | 43 | 5 + 10 + 800 = | |
| 22 | 700 + 80 + 9 = | 44 | 9 + 20 + 700 = | |



Write, read, and relate base ten numbers in all forms. 8/7/13

Correct _____

| | Add or subtract. | | | |
|----|------------------|----|----------|--|
| 1 | 2+1= | 23 | 8 - 2 = | |
| 2 | 1+2= | 24 | 8 - 6 = | |
| 3 | 3 - 1 = | 25 | 8 + 2 = | |
| 4 | 3 - 2 = | 26 | 2 + 8 = | |
| 5 | 4 + 1 = | 27 | 10 - 2 = | |
| 6 | 1 + 4 = | 28 | 10 - 8 = | |
| 7 | 5 - 1 = | 29 | 4 + 3 = | |
| 8 | 5 - 4 = | 30 | 3 + 4 = | |
| 9 | 8 + 1 = | 31 | 7 - 3 = | |
| 10 | 1 + 8 = | 32 | 7 - 4 = | |
| 11 | 9 - 1 = | 33 | 5 + 3 = | |
| 12 | 9 - 8 = | 34 | 3 + 5 = | |
| 13 | 3 + 2 = | 35 | 8 - 3 = | |
| 14 | 2 + 3 = | 36 | 8 - 5 = | |
| 15 | 5-2= | 37 | 6 + 3 = | |
| 16 | 5 - 3 = | 38 | 3 + 6 = | |
| 17 | 5 + 2 = | 39 | 9 - 3 = | |
| 18 | 2 + 5 = | 40 | 9 - 6 = | |
| 19 | 7-2= | 41 | 5 + 4 = | |
| 20 | 7 - 5 = | 42 | 4 + 5 = | |
| 21 | 6 + 2 = | 43 | 9 - 5 = | |
| | | | | |



22

Date:

Count the total value of ones, tens, and hundreds with place value disks.

44

8/7/13

9 - 4 =

2 + 6 =

| в | Add or subtract. | Improvemen | .t | # Correct |
|----|------------------|------------|----------|-----------|
| 1 | 3 + 1 = | 23 | 7 - 2 = | |
| 2 | 1 + 3 = | 24 | 7 - 5 = | |
| 3 | 4 - 1 = | 25 | 8 + 2 = | |
| 4 | 4 - 3 = | 26 | 2 + 8 = | |
| 5 | 5 + 1 = | 27 | 10 - 2 = | |
| 6 | 1 + 5 = | 28 | 10 - 8 = | |
| 7 | 6 - 1 = | 29 | 4 + 3 = | |
| 8 | 6 - 5 = | 30 | 3 + 4 = | |
| 9 | 9 + 1 = | 31 | 7 - 3 = | |
| 10 | 1 + 9 = | 32 | 7 - 4 = | |
| 11 | 10 - 1 = | 33 | 5 + 3 = | |
| 12 | 10 - 9 = | 34 | 3 + 5 = | |
| 13 | 4 + 2 = | 35 | 8 - 3 = | |
| 14 | 2 + 4 = | 36 | 8 - 5 = | |
| 15 | 6 - 2 = | 37 | 7 + 3 = | |
| 16 | 6 - 4 = | 38 | 3 + 7 = | |
| 17 | 7 + 2 = | 39 | 10 - 3 = | |
| 18 | 2 + 7 = | 40 | 10 - 7 = | |
| 19 | 9-2= | 41 | 5 + 4 = | |
| 20 | 9 - 7 = | 42 | 4 + 5 = | |
| 21 | 5 + 2 = | 43 | 9 - 5 = | |
| 22 | 2 + 5 = | 44 | 9 - 4 = | |



Lesson 11:

Date:

Count the total value of ones, tens, and hundreds with place value disks.

| A 1 | 3 + 1 = | 23 | 4 + 5 = |
|------------|----------|----|----------|
| 2 | 13 + 1 = | 24 | 14 + 5 = |
| 3 | 5 + 1 = | 25 | 2 + 5 = |
| 4 | 15 + 1 = | 26 | 12 + 5 = |
| 5 | 7 + 1 = | 27 | 5 + 4 = |
| 6 | 17 + 1 = | 28 | 15 + 4 = |
| 7 | 4 + 2 = | 29 | 3 + 4 = |
| 8 | 14 + 2 = | 30 | 13 + 4 = |
| 9 | 6 + 2 = | 31 | 3 + 6 = |
| 10 | 16 + 2 = | 32 | 13 + 6 = |
| 11 | 8 + 2 = | 33 | 7 + 1 = |
| 12 | 18 + 2 = | 34 | 17 + 1 = |
| 13 | 4 + 3 = | 35 | 8 + 1 = |
| 14 | 14 + 3 = | 36 | 18 + 1 = |
| 15 | 6 + 3 = | 37 | 4 + 3 = |
| 16 | 16 + 3 = | 38 | 14 + 3 = |
| 17 | 5 + 5 = | 39 | 4 + 1 = |
| 18 | 15 + 5 = | 40 | 14 + 1 = |
| 19 | 7 + 3 = | 41 | 5 + 3 = |
| 20 | 17 + 3 = | 42 | 15 + 3 = |
| 21 | 6 + 4 = | 43 | 4 + 4 = |
| 22 | 16 + 4 = | 44 | 14 + 4 = |



Lesson 12:

8/7/13

Change 10 ones for 1 ten, 10 tens for 1 hundred, and 10 hundreds for 1 thousand.

| B 1 | 2 + 1 = | 23 | 9 + 1= | |
|------------|----------|----|----------|--|
| 2 | 12 + 1 = | 24 | 19 + 1 = | |
| 3 | 4 + 1 = | 25 | 5 + 1 = | |
| 4 | 14 + 1 = | 26 | 15 + 1 = | |
| 5 | 6 + 1 = | 27 | 5 + 3 = | |
| 6 | 16 + 1 = | 28 | 15 + 3 = | |
| 7 | 3 + 2 = | 29 | 6 + 2 = | |
| 8 | 13 + 2 = | 30 | 16 + 2 = | |
| 9 | 5 + 2 = | 31 | 3 + 6 = | |
| 10 | 15 + 2 = | 32 | 13 + 6 = | |
| 11 | 7 + 2 = | 33 | 7 + 2 = | |
| 12 | 17 + 2 = | 34 | 17 + 2 = | |
| 13 | 5 + 3 = | 35 | 1 + 8 = | |
| 14 | 15 + 3 = | 36 | 11 + 8 = | |
| 15 | 7 + 3 = | 37 | 3 + 5 = | |
| 16 | 17 + 3 = | 38 | 13 + 5 = | |
| 17 | 6 + 3 = | 39 | 4 + 2 = | |
| 18 | 16 + 3 = | 40 | 14 + 2 = | |
| 19 | 5 + 4 = | 41 | 5 + 4 = | |
| 20 | 15 + 4 = | 42 | 15 + 4 = | |
| 21 | 1 + 9 = | 43 | 1 + 6 = | |
| 22 | 11 + 9 = | 44 | 11 + 6 = | |



Lesson 12:

Change 10 ones for 1 ten, 10 tens for 1 hundred, and 10 hundreds for 1 thousand.

14

8/7/13

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| Write | e the number. | | |
|------------|---------------|----|----------------|
| A 1 | 5 tens | 23 | 80 + 4 = |
| 2 | 6 tens 2 ones | 24 | 4 + 80 = |
| 3 | 6 tens 3 ones | 25 | 7 tens |
| 4 | 6 tens 8 ones | 26 | 5 tens 8 ones |
| 5 | 60 + 4 = | 27 | 5 tens 9 ones |
| 6 | 4 + 60 = | 28 | 5 tens 2 ones |
| 7 | 8 tens | 29 | 50 + 7 = |
| 8 | 9 tens 4 ones | 30 | 7 + 50 |
| 9 | 9 tens 5 ones | 31 | 10 tens |
| 10 | 9 tens 8 ones | 32 | 7 tens 4 ones |
| 11 | 90 + 6 = | 33 | 80 + 3 = |
| 12 | 6 + 90 = | 34 | 7 + 90 = |
| 13 | 6 tens | 35 | 6 tens + 10 = |
| 14 | 7 tens 6 ones | 36 | 9 tens 3 ones |
| 15 | 7 tens 7 ones | 37 | 70 + 2 = |
| 16 | 7 tens 3 ones | 38 | 3 + 50 = |
| 17 | 70 + 8 = | 39 | 60 + 2 tens = |
| 18 | 8 + 70 = | 40 | 8 tens 6 ones |
| 19 | 9 tens | 41 | 90 + 2 = |
| 20 | 8 tens 1 one | 42 | 5 + 60 = |
| 21 | 8 tens 2 ones | 43 | 8 tens 20 ones |
| 22 | 8 tens 7 ones | 44 | 30 + 7 tens = |



Read and write numbers within 1,000 after modeling with place value disks.

Date:

Lesson 13:

| Write | e the number. | | | |
|-----------------------|---------------|----|----------------|--|
| B ₁ | 6 tens | 23 | 60 + 4 = | |
| 2 | 5 tens 2 ones | 24 | 4 + 60 = | |
| 3 | 5 tens 3 ones | 25 | 8 tens | |
| 4 | 5 tens 8 ones | 26 | 7 tens 8 ones | |
| 5 | 4 + 60 = | 27 | 7 tens 9 ones | |
| 6 | 50 + 4 = | 28 | 7 tens 2 ones | |
| 7 | 4 + 50 = | 29 | 70 + 5 = | |
| 8 | 8 tens 4 ones | 30 | 5 + 70 = | |
| 9 | 8 tens 5 ones | 31 | 10 tens | |
| 10 | 8 tens 8 ones | 32 | 5 tens 6 ones | |
| 11 | 80 + 6 = | 33 | 60 + 3 = | |
| 12 | 6 + 80 = | 34 | 6 + 70 = | |
| 13 | 7 tens | 35 | 5 tens + 10 = | |
| 14 | 9 tens 6 ones | 36 | 7 tens 4 ones | |
| 15 | 9 tens 7 ones | 37 | 80 + 3 = | |
| 16 | 9 tens 3 ones | 38 | 2 + 90 = | |
| 17 | 90 + 8 = | 39 | 70 + 2 tens | |
| 18 | 8 + 90 = | 40 | 6 tens 8 ones | |
| 19 | 5 tens | 41 | 70 + 3 = | |
| 20 | 6 tens 1 one | 42 | 7 + 80 = | |
| 21 | 6 tens 2 ones | 43 | 9 tens 10 ones | |
| 22 | 6 tens 7 ones | 44 | 40 + 6 tens = | |



Lesson 13: Date: Read and write numbers within 1,000 after modeling with place value disks. 8/7/13

Correct

| А | Subtract. | | | # Correct |
|----|-----------------|----|----------|-----------|
| 1 | 3 - 1 = | 23 | 7 - 4 = | |
| 2 | 13 - 1 = | 24 | 17 - 4 = | |
| 3 | 5 - 1 = | 25 | 7 - 5 = | |
| 4 | 15 - 1 = | 26 | 17 - 5 = | |
| 5 | 7 - 1 = | 27 | 9 - 5 = | |
| 6 | 17 - 1 = | 28 | 19 - 5 = | |
| 7 | 4 - 2 = | 29 | 7 - 6 = | |
| 8 | 14 - 2 = | 30 | 17 - 6 = | |
| 9 | 6 - 2 = | 31 | 9 - 6 = | |
| 10 | 16 - 2 = | 32 | 19 - 6 = | |
| 11 | 8 - 2 = | 33 | 8 - 7 = | |
| 12 | 18 - 2 = | 34 | 18 - 7 = | |
| 13 | 4 - 3 = | 35 | 9 - 8 = | |
| 14 | 14 - 3 = | 36 | 19 - 8 = | |
| 15 | 6 - 3 = | 37 | 7 - 3 = | |
| 16 | 16 - 3 = | 38 | 17 - 3 = | |
| 17 | 8 - 3 = | 39 | 5 - 4 = | |
| 18 | 18 - 3 = | 40 | 15 - 4 = | |
| 19 | 6 - 4 = | 41 | 8 - 5 = | |
| 20 | 16 - 4 = | 42 | 18 - 5 = | |
| 21 | 8 - 4 = | 43 | 8 - 6 = | |
| 22 | 18 - 4 = | 44 | 18 - 6 = | |



А

Model numbers with more than 9 ones or 9 tens; write in expanded, unit, standard, and word forms.

| в | Subtract. | Improvemen | t | # Correct |
|----|-----------|------------|----------|-----------|
| 1 | 2 - 1 = | 23 | 9 - 4 = | |
| 2 | 12 - 1 = | 24 | 19 - 4 = | |
| 3 | 4 - 1 = | 25 | 6 - 5 = | |
| 4 | 14 - 1 = | 26 | 16 - 5 = | |
| 5 | 6 - 1 = | 27 | 8 - 5 = | |
| 6 | 16 - 1 = | 28 | 18 - 5 = | |
| 7 | 3 - 2 = | 29 | 8 - 6 = | |
| 8 | 13 - 2 = | 30 | 18 - 6 = | |
| 9 | 5 - 2 = | 31 | 9 - 6 = | |
| 10 | 15 - 2 = | 32 | 19 - 6 = | |
| 11 | 7-2= | 33 | 9 - 7 = | |
| 12 | 17 - 2 = | 34 | 19 - 7 = | |
| 13 | 5 - 3 = | 35 | 9 - 8 = | |
| 14 | 15 - 3 = | 36 | 19 - 8 = | |
| 15 | 7 - 3 = | 37 | 8 - 3 = | |
| 16 | 17 - 3 = | 38 | 18 - 3 = | |
| 17 | 9 - 3 = | 39 | 6 - 4 = | |
| 18 | 19 - 3 = | 40 | 16 - 4 = | |
| 19 | 5 - 4 = | 41 | 9 - 5 = | |
| 20 | 15 - 4 = | 42 | 19 - 5 = | |
| 21 | 7 - 4 = | 43 | 7 - 6 = | |
| 22 | 17 - 4 = | 44 | 17 - 6 = | |



Lesson 14: Model num unit, standa

8/7/13

Model numbers with more than 9 ones or 9 tens; write in expanded, unit, standard, and word forms.

Date:

| Α | Add. | | #(| Correct |
|----|----------------|----|----------------|---------|
| 1 | 20 + 1 = | 23 | 400 + 20 + 5 = | |
| 2 | 20 + 2 = | 24 | 200 + 60 + 1 = | |
| 3 | 20 + 3 = | 25 | 200 + 1 = | |
| 4 | 20 + 9 = | 26 | 300 + 1 = | |
| 5 | 30 + 9 = | 27 | 400 + 1 = | |
| 6 | 40 + 9 = | 28 | 500 + 1 = | |
| 7 | 80 + 9 = | 29 | 700 + 1 = | |
| 8 | 40 + 4 = | 30 | 300 + 50 + 2 = | |
| 9 | 50 + 5 = | 31 | 300 + 2 = | |
| 10 | 10 + 7 = | 32 | 100 + 10 + 7 = | |
| 11 | 20 + 5 = | 33 | 100 + 7 = | |
| 12 | 200 + 30 = | 34 | 700 + 10 + 5 = | |
| 13 | 300 + 40 = | 35 | 700 + 5 = | |
| 14 | 400 + 50 = | 36 | 300 + 40 + 7 = | |
| 15 | 500 + 60 = | 37 | 300 + 7 = | |
| 16 | 600 + 70 | 38 | 500 + 30 + 2 = | |
| 17 | 700 + 80 = | 39 | 500 + 2 = | |
| 18 | 200 + 30 + 5 = | 40 | 2 + 500 = | |
| 19 | 300 + 40 + 5 = | 41 | 2 + 600 = | |
| 20 | 400 + 50 + 6 = | 42 | 2 + 40 + 600 = | |
| 21 | 500 + 60 + 7 = | 43 | 3 + 10 + 700 = | |
| 22 | 600 + 70 + 8 = | 44 | 8 + 30 + 700 = | |



Explore a situation with more than 9 groups of ten. 8/7/13

| В | Add. | Improvemen | t # Correct |
|----|----------------|------------|----------------|
| 1 | 10 + 1 = | 23 | 500 + 30 + 6 = |
| 2 | 10 + 2 = | 24 | 300 + 70 + 1 = |
| 3 | 10 + 3 = | 25 | 300 + 1 = |
| 4 | 10 + 9 = | 26 | 400 + 1 = |
| 5 | 20 + 9 = | 27 | 500 + 1 = |
| 6 | 30 + 9 = | 28 | 600 + 1 = |
| 7 | 70 + 9 = | 29 | 900 + 1 = |
| 8 | 30 + 3 = | 30 | 400 + 60 + 3 = |
| 9 | 40 + 4 = | 31 | 400 + 3 = |
| 10 | 80 + 7 = | 32 | 100 + 10 + 5 = |
| 11 | 90 + 5 = | 33 | 100 + 5 = |
| 12 | 100 + 20 = | 34 | 800 + 10 + 5 = |
| 13 | 200 + 30 = | 35 | 800 + 5 = |
| 14 | 300 + 40 = | 36 | 200 + 30 + 7 = |
| 15 | 400 + 50 = | 37 | 200 + 7 = |
| 16 | 500 + 60 = | 38 | 600 + 40 + 2 = |
| 17 | 600 + 70 = | 39 | 600 + 2 = |
| 18 | 300 + 40 + 5 = | 40 | 2 + 600 = |
| 19 | 400 + 50 + 6 = | 41 | 3 + 600 = |
| 20 | 500 + 60 + 7 = | 42 | 3 + 40 + 600 = |
| 21 | 600 + 70 + 8 = | 43 | 5 + 10 + 800 = |
| 22 | 700 + 80 + 9 = | 44 | 9 + 20 + 700 = |



| A Add. | | | | # Correct |
|-----------|---------|--------|---------|-----------|
| 1 | 9 + 1 = | 23 | 7 + 3 = | |
| 2 | 9 + 2 = | 24 | 7 + 4 = | |
| 3 | 9 + 3 = | 25 | 7 + 5 = | |
| 4 | 9 + 9 = | 26 | 7 + 9 = | |
| 5 | 8 + 2 = | 27 | 6 + 4 = | |
| 6 | 8 + 3 = | 28 | 6 + 5 = | |
| 7 | 8 + 4 = | 29 | 6 + 6 = | |
| 8 | 8 + 9 = | 30 | 6 + 9 = | |
| 9 | 9 + 1 = | 31 | 5 + 5 = | |
| 10 | 9 + 4 = | 32 | 5 + 6 = | |
| 11 | 9 + 5 = | 33 | 5 + 7 = | |
| 12 | 9 + 8 = | 34 | 5 + 9 = | |
| 13 | 8 + 2 = | 35 | 4 + 6 = | |
| 14 | 8 + 5 = | 36 | 4 + 7 = | |
| 15 | 8 + 6 = | 37 | 4 + 9 = | |
| 16 | 8 + 8 = | 38 | 3 + 7 = | |
| 17 | 9 + 1 = | 39 | 3 + 9 = | |
| 18 | 9 + 7 = | 40 | 5 + 8 = | |
| 19 | 8 + 2 = | 41 | 2 + 8 = | |
| 20 | 8 + 7 = | 42 | 4 + 8 = | |
| 21 | 9 + 1 = | 43 | 1 + 9 = | |
| 22 | 9 + 6 = | 44 | 2 + 9 = | |



Lesson 16: Date: Compare two three-digit numbers using <, >, and =.

| Α | | | | # Correct |
|----|-----------------|----|----------|-----------|
| 1 | Add. 9 + 2 = | 23 | 4 + 7 = | |
| 2 | 9 + 3 = | 24 | 4 + 8 = | |
| 3 | 9 + 4 = | 25 | 5 + 6 = | |
| 4 | 9 + 7 = | 26 | 5 + 7 = | |
| 5 | 7 + 9 = | 27 | 3 + 8 = | |
| 6 | 10 + 1 = | 28 | 3 + 9 = | |
| 7 | 10 + 2 = | 29 | 2 + 9 = | |
| 8 | 10 + 3 = | 30 | 5 + 10 = | |
| 9 | 10 + 8 = | 31 | 5 + 8 = | |
| 10 | 8 + 10 = | 32 | 9 + 6 = | |
| 11 | 8 + 3 = | 33 | 6 + 9 = | |
| 12 | 8 + 4 = | 34 | 7 + 6 = | |
| 13 | 8 + 5 = | 35 | 6 + 7 = | |
| 14 | 8 + 9 = | 36 | 8 + 6 = | |
| 15 | 9 + 8 = | 37 | 6 + 8 = | |
| 16 | 7 + 4 = | 38 | 8 + 7 = | |
| 17 | 10 + 5 = | 39 | 7 + 8 = | |
| 18 | 6 + 5 = | 40 | 6 + 6 = | |
| 19 | 7 + 5 = | 41 | 7 + 7 = | |
| 20 | 9 + 5 = | 42 | 8 + 8 = | |
| 21 | 5 + 9 = | 43 | 9 + 9 = | |
| 22 | 10 + 6 = | 44 | 4 + 9 = | |



Lesson 17:

Compare two three-digit numbers using <, >, and = when there are more than 9 ones or 9 tens. 8/7/13

| 2 3 4 | 10 + 1 = 10 + 2 = 10 + 3 = 10 + 3 = 10 + 9 = 10 + 9 = 10 + 10 = 10 + 9 + 10 = 10 + 9 + 2 = 10 + 3 + 3 = 10 + 3 + 3 + 3 + 3 + 3 + 3 + 3 + 3 + 3 + | 2 2 2 2 2 2 2 2 2 2 | 23 24 25 26 27 28 29 | 5+6= 5+7= 4+7= 4+8= 4+10= 3+8= 3+9= | |
|-------------|---|--|--|---|--|
| 3 4 5 | 10 + 3 = $10 + 9 =$ $9 + 10 =$ $9 + 2 =$ $9 + 3 =$ $9 + 4 =$ | 2 2 2 2 2 2 2 2 | 25 26 27 28 | 4 + 7 = 4 + 8 = 4 + 10 = 3 + 8 = | |
| 4 | 10 + 9 = $9 + 10 =$ $9 + 2 =$ $9 + 3 =$ $9 + 4 =$ | 2 2 2 2 2 | 26 27 28 | 4 + 8 = 4 + 10 = 3 + 8 = | |
| 5 | 9 + 10 = 9 + 2 = 9 + 3 = 9 + 4 = | 2 2 2 | 27 28 | 4 + 10 = 3 + 8 = | |
| | 9 + 2 = 9 + 3 = 9 + 4 = | 2 | 28 | 3 + 8 = | |
| 6 | 9 + 3 = 9 + 4 = | 2 | | | |
| | 9 + 4 = | | 29 | 3 + 9 = | |
| 7 | | 3 | | <u> </u> | |
| 8 | 0 + 8 - | | 0 | 2 + 9 = | |
| 9 | 9+0= | 3 | 51 | 5 + 8 = | |
| 10 | 8 + 9 = | 3 | 2 | 7 + 6 = | |
| 11 | 8 + 3 = | 3 | 3 | 6 + 7 = | |
| 12 | 8 + 4 = | 3 | 4 | 8 + 6 = | |
| 13 | 8 + 5 = | 3 | 5 | 6 + 8 = | |
| 14 | 8 + 7 = | 3 | 6 | 9 + 6 = | |
| 15 | 7 + 8 = | 3 | 7 | 6 + 9 = | |
| 16 | 7 + 4 = | 3 | 8 | 9 + 7 = | |
| 17 | 10 + 4 = | 3 | 9 | 7 + 9 = | |
| 18 | 6 + 5 = | 4 | 0 | 6 + 6 = | |
| 19 | 7 + 5 = | 4 | 1 | 7 + 7 = | |
| 20 | 9 + 5 = | 4 | 2 | 8 + 8 = | |
| 21 | 5 + 9 = | 4 | 3 | 9 + 9 = | |
| 22 | 10 + 8 = | 4 © Bill Da | 4 | 4 + 9 = | |

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Lesson 17: Date: Compare two three-digit numbers using <, >, and = when there are more than 9 ones or 9 tens. 8/7/13

| Α | Add. | | | # Correct |
|----|----------|----|----------|-----------|
| 1 | 9 + 2 = | 23 | 4 + 7 = | |
| 2 | 9 + 3 = | 24 | 4 + 8 = | |
| 3 | 9 + 4 = | 25 | 5 + 6 = | |
| 4 | 9 + 7 = | 26 | 5 + 7 = | |
| 5 | 7 + 9 = | 27 | 3 + 8 = | |
| 6 | 10 + 1 = | 28 | 3 + 9 = | |
| 7 | 10 + 2 = | 29 | 2 + 9 = | |
| 8 | 10 + 3 = | 30 | 5 + 10 = | |
| 9 | 10 + 8 = | 31 | 5 + 8 = | |
| 10 | 8 + 10 = | 32 | 9 + 6 = | |
| 11 | 8 + 3 = | 33 | 6 + 9 = | |
| 12 | 8 + 4 = | 34 | 7 + 6 = | |
| 13 | 8 + 5 = | 35 | 6 + 7 = | |
| 14 | 8 + 9 = | 36 | 8 + 6 = | |
| 15 | 9 + 8 = | 37 | 6 + 8 = | |
| 16 | 7 + 4 = | 38 | 8 + 7 = | |
| 17 | 10 + 5 = | 39 | 7 + 8 = | |
| 18 | 6 + 5 = | 40 | 6 + 6 = | |
| 19 | 7 + 5 = | 41 | 7 + 7 = | |
| 20 | 9 + 5 = | 42 | 8 + 8 = | |
| 21 | 5 + 9 = | 43 | 9 + 9 = | |
| 22 | 10 + 6 = | 44 | 4 + 9 = | |



Lesson 18: Date:

Order numbers in different forms. 8/7/13

| В | Add. | Improvement | t | # Correct |
|----|----------|-------------|----------|-----------|
| 1 | 10 + 1 = | 23 | 5 + 6 = | |
| 2 | 10 + 2 = | 24 | 5 + 7 = | |
| 3 | 10 + 3 = | 25 | 4 + 7 = | |
| 4 | 10 + 9 = | 26 | 4 + 8 = | |
| 5 | 9 + 10 = | 27 | 4 + 10 = | |
| 6 | 9 + 2 = | 28 | 3 + 8 = | |
| 7 | 9 + 3 = | 29 | 3 + 9 = | |
| 8 | 9 + 4 = | 30 | 2 + 9 = | |
| 9 | 9 + 8 = | 31 | 5 + 8 = | |
| 10 | 8 + 9 = | 32 | 7 + 6 = | |
| 11 | 8 + 3 = | 33 | 6 + 7 = | |
| 12 | 8 + 4 = | 34 | 8 + 6 = | |
| 13 | 8 + 5 = | 35 | 6 + 8 = | |
| 14 | 8 + 7 = | 36 | 9 + 6 = | |
| 15 | 7 + 8 = | 37 | 6 + 9 = | |
| 16 | 7 + 4 = | 38 | 9 + 7 = | |
| 17 | 10 + 4 = | 39 | 7 + 9 = | |
| 18 | 6 + 5 = | 40 | 6 + 6 = | |
| 19 | 7 + 5 = | 41 | 7 + 7 = | |
| 20 | 9 + 5 = | 42 | 8 + 8 = | |
| 21 | 5 + 9 = | 43 | 9 + 9 = | |
| 22 | 10 + 8 = | 44 | 4 + 9 = | |



| A | Subtract. | | | # Correct |
|----|-----------|----|----------|-----------|
| 1 | 3 - 1 = | 23 | 7 - 4 = | |
| 2 | 13 - 1 = | 24 | 17 - 4 = | |
| 3 | 5 - 1 = | 25 | 7 - 5 = | |
| 4 | 15 - 1 = | 26 | 17 - 5 = | |
| 5 | 7 - 1 = | 27 | 9 - 5 = | |
| 6 | 17 - 1 = | 28 | 19 - 5 = | |
| 7 | 4 - 2 = | 29 | 7 - 6 = | |
| 8 | 14 - 2 = | 30 | 17 - 6 = | |
| 9 | 6 - 2 = | 31 | 9 - 6 = | |
| 10 | 16 - 2 = | 32 | 19 - 6 = | |
| 11 | 8 - 2 = | 33 | 8 - 7 = | |
| 12 | 18 - 2 = | 34 | 18 - 7 = | |
| 13 | 4 - 3 = | 35 | 9 - 8 = | |
| 14 | 14 - 3 = | 36 | 19 - 8 = | |
| 15 | 6 - 3 = | 37 | 7 - 3 = | |
| 16 | 16 - 3 = | 38 | 17 - 3 = | |
| 17 | 8 - 3 = | 39 | 5 - 4 = | |
| 18 | 18 - 3 = | 40 | 15 - 4 = | |
| 19 | 6 - 4 = | 41 | 8 - 5 = | |
| 20 | 16 - 4 = | 42 | 18 - 5 = | |
| 21 | 8 - 4 = | 43 | 8 - 6 = | |
| 22 | 18 - 4 = | 44 | 18 - 6 = | |



Lesson 19:

Date:

Model and use language to tell about 1 more and 1 less, 10 more and 10 less, and 100 more and 100 less.

| В | Subtract. | Improvement | # Correct |
|----|-----------|-------------|-----------|
| 1 | 2 - 1 = | 23 | 9 - 4 = |
| 2 | 12 - 1 = | 24 1 | 9 - 4 = |
| 3 | 4 - 1 = | 25 | 6 - 5 = |
| 4 | 14 - 1 = | 26 1 | 6 - 5 = |
| 5 | 6 - 1 = | 27 | 8 - 5 = |
| 6 | 16 - 1 = | 28 1 | 8 - 5 = |
| 7 | 3 - 2 = | 29 | 8 - 6 = |
| 8 | 13 - 2 = | 30 1 | 8 - 6 = |
| 9 | 5 - 2 = | 31 | 9 - 6 = |
| 10 | 15 - 2 = | 32 1 | 9 - 6 = |
| 11 | 7 - 2 = | 33 | 9 - 7 = |
| 12 | 17 - 2 = | 34 1 | 9 - 7 = |
| 13 | 5 - 3 = | 35 | 9 - 8 = |
| 14 | 15 - 3 = | 36 1 | 9 - 8 = |
| 15 | 7 - 3 = | 37 | 8 - 3 = |
| 16 | 17 - 3 = | 38 1 | 8 - 3 = |
| 17 | 9 - 3 = | 39 | 6 - 4 = |
| 18 | 19 - 3 = | 40 1 | 6 - 4 = |
| 19 | 5 - 4 = | 41 | 9 - 5 = |
| 20 | 15 - 4 = | 42 1 | 9 - 5 = |
| 21 | 7 - 4 = | 43 | 7 - 6 = |
| 22 | 17 - 4 = | 44 1 | 7 - 6 = |

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Lesson 19:

Date:

Correct _____

| Α | Subtract. | | | | # Correct |
|----|-----------|-----------|------|----------|-----------|
| | | | | 7 4 | |
| 1 | 3 - 1 = | 23 | 3 | 7 - 4 = | |
| 2 | 13 - 1 = | 24 | 4 | 17 - 4 = | |
| 3 | 5 - 1 = | 25 | 5 | 7 - 5 = | |
| 4 | 15 - 1 = | 20 | 6 | 17 - 5 = | |
| 5 | 7 - 1 = | 2 | 7 | 9 - 5 = | |
| 6 | 17 - 1 = | 20 | 8 | 19 - 5 = | |
| 7 | 4 - 2 = | 29 | 9 | 7 - 6 = | |
| 8 | 14 - 2 = | 30 | 0 | 17 - 6 = | |
| 9 | 6 - 2 = | 3 | 1 | 9 - 6 = | |
| 10 | 16 - 2 = | 32 | 2 | 19 - 6 = | |
| 11 | 8 - 2 = | 3: | 3 | 8 - 7 = | |
| 12 | 18 - 2 = | 34 | 4 | 18 - 7 = | |
| 13 | 4 - 3 = | 3 | 5 | 9 - 8 = | |
| 14 | 14 - 3 = | 30 | 6 | 19 - 8 = | |
| 15 | 6 - 3 = | 3. | 7 | 7 - 3 = | |
| 16 | 16 - 3 = | 38 | 8 | 17 - 3 = | |
| 17 | 8 - 3 = | 39 | 9 | 5 - 4 = | |
| 18 | 18 - 3 = | 40 | 0 | 15 - 4 = | |
| 19 | 6 - 4 = | 4 | 1 | 8 - 5 = | |
| 20 | 16 - 4 = | 42 | 2 | 18 - 5 = | |
| 21 | 8 - 4 = | 4: | 3 | 8 - 6 = | |
| 22 | 18 - 4 = | 44 | 4 | 18 - 6 = | |
| - | | © Bill Da | wide | 00 | |

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Α

Lesson 20:

Model 1 more and 1 less, 10 more and 10 less, and 100 more and 100 less when changing the hundreds place. 8/7/13

| В | Subtract. | Improvement _ | # Correct |
|----|-----------|-----------------|-----------|
| 1 | 2 - 1 = | 23 | 9 - 4 = |
| 2 | 12 - 1 = | 24 | 19 - 4 = |
| 3 | 4 - 1 = | 25 | 6 - 5 = |
| 4 | 14 - 1 = | 26 | 16 - 5 = |
| 5 | 6 - 1 = | 27 | 8 - 5 = |
| 6 | 16 - 1 = | 28 | 18 - 5 = |
| 7 | 3 - 2 = | 29 | 8 - 6 = |
| 8 | 13 - 2 = | 30 | 18 - 6 = |
| 9 | 5 - 2 = | 31 | 9 - 6 = |
| 10 | 15 - 2 = | 32 | 19 - 6 = |
| 11 | 7 - 2 = | 33 | 9 - 7 = |
| 12 | 17 - 2 = | 34 | 19 - 7 = |
| 13 | 5 - 3 = | 35 | 9 - 8 = |
| 14 | 15 - 3 = | 36 | 19 - 8 = |
| 15 | 7 - 3 = | 37 | 8 - 3 = |
| 16 | 17 - 3 = | 38 | 18 - 3 = |
| 17 | 9 - 3 = | 39 | 6 - 4 = |
| 18 | 19 - 3 = | 40 | 16 - 4 = |
| 19 | 5 - 4 = | 41 | 9 - 5 = |
| 20 | 15 - 4 = | 42 | 19 - 5 = |
| 21 | 7 - 4 = | 43 | 7 - 6 = |
| 22 | 17 - 4 = | 44 | 17 - 6 = |
| | | © Bill Davidson | |



Lesson 20: Date: Model 1 more and 1 less, 10 more and 10 less, and 100 more and 100 less when changing the hundreds place. 8/7/13

| A | Subtract. | | | # Correct |
|----|-----------|----|----------|-----------|
| 1 | 10 - 5 = | 23 | 11 - 3 = | |
| 2 | 10 - 0 = | 24 | 10 - 9 = | |
| 3 | 10 - 1 = | 25 | 11 - 9 = | |
| 4 | 10 - 9 = | 26 | 10 - 5 = | |
| 5 | 10 - 8 = | 27 | 11 - 5 = | |
| 6 | 10 - 2 = | 28 | 10 - 7 = | |
| 7 | 10 - 3 = | 29 | 11 - 7 = | |
| 8 | 10 - 7 = | 30 | 10 - 8 = | |
| 9 | 10 - 6 = | 31 | 11 - 8 = | |
| 10 | 10 - 4 = | 32 | 10 - 6 = | |
| 11 | 10 - 8 = | 33 | 11 - 6 = | |
| 12 | 10 - 3 = | 34 | 10 - 4 = | |
| 13 | 10 - 6 = | 35 | 11 - 4 = | |
| 14 | 10 - 9 = | 36 | 10 - 9 = | |
| 15 | 10 - 0 = | 37 | 12 - 9 = | |
| 16 | 10 - 5 = | 38 | 10 - 5 = | |
| 17 | 10 - 7 = | 39 | 12 - 5 = | |
| 18 | 10 - 2 = | 40 | 10 - 7 = | |
| 19 | 10 - 4 = | 41 | 12 - 7 = | |
| 20 | 10 - 1 = | 42 | 10 - 8 = | |
| 21 | 11 - 1 = | 43 | 12 - 8 = | |
| 22 | 11 - 2 = | 44 | 15 - 9 = | |



Lesson 21: Date: Complete a pattern counting up and down.

8/7/13

| В | Subtract. | Improvement _ | # Correct |
|----|-----------|-----------------|-----------|
| 1 | 10 - 0 = | 23 | 11 - 3 = |
| 2 | 10 - 5 = | 24 | 10 - 5 = |
| 3 | 10 - 9 = | 25 | 11 - 5 = |
| 4 | 10 - 1 = | 26 | 10 - 9 = |
| 5 | 10 - 2 = | 27 | 11 - 9 = |
| 6 | 10 - 8 = | 28 | 10 - 8 = |
| 7 | 10 - 7 = | 29 | 11 - 8 = |
| 8 | 10 - 3 = | 30 | 10 - 7 = |
| 9 | 10 - 4 = | 31 | 11 - 7 = |
| 10 | 10 - 6 = | 32 | 10 - 4 = |
| 11 | 10 - 2 = | 33 | 11 - 4 = |
| 12 | 10 - 7 = | 34 | 10 - 6 = |
| 13 | 10 - 4 = | 35 | 11 - 6 = |
| 14 | 10 - 1 = | 36 | 10 - 5 = |
| 15 | 10 - 0 = | 37 | 12 - 5 = |
| 16 | 10 - 5 = | 38 | 10 - 9 = |
| 17 | 10 - 3 = | 39 | 12 - 9 = |
| 18 | 10 - 8 = | 40 | 10 - 8 = |
| 19 | 10 - 6 = | 41 | 12 - 8 = |
| 20 | 10 - 9 = | 42 | 10 - 7 = |
| 21 | 11 - 1 = | 43 | 12 - 7 = |
| 22 | 11 - 2 = | © Bill Davidson | 14 - 9 = |



Lesson 21: Date: Complete a pattern counting up and down.

| Α | Add or subtract. | | # Correct |
|----|------------------|----|-------------|
| 1 | 3 + 1 = | 23 | 50 + 30 = |
| 2 | 30 + 10 = | 24 | 54 + 30 = |
| 3 | 31 + 10 = | 25 | 54 + 3 = |
| 4 | 31 + 1 = | 26 | 50 - 30 = |
| 5 | 3 - 1 = | 27 | 59 - 30 = |
| 6 | 30 - 10 = | 28 | 59 - 3 = |
| 7 | 35 - 10 = | 29 | 67 + 30 = |
| 8 | 35 - 1 = | 30 | 67 - 30 = |
| 9 | 47 + 10 = | 31 | 67 - 3 = |
| 10 | 10 - 1 = | 32 | 40 - 3 = |
| 11 | 80 - 1 = | 33 | 42 - 3 = |
| 12 | 40 + 20 = | 34 | 30 + 40 = |
| 13 | 43 + 20 = | 35 | 32 + 40 = |
| 14 | 43 + 2 = | 36 | 32 + 4 = |
| 15 | 40 - 20 = | 37 | 7 70 - 40 = |
| 16 | 45 - 20 = | 38 | 3 76 - 40 = |
| 17 | 45 - 2 = | 39 | 76 - 4 = |
| 18 | 57 + 2 = | 40 | 53 + 40 = |
| 19 | 57 - 20 = | 41 | 53 + 4 = |
| 20 | 10 - 2 = | 42 | 2 53 - 40 = |
| 21 | 50 - 2 = | 43 | 90 - 4 = |
| 22 | 51 - 2 = | 44 | 92 - 4 = |





Add and subtract multiples of 10 and some ones within 100. Lesson 3:

| в | Add or subtract. | Improvement | : | # Correct |
|----|------------------|-------------|-----------|-----------|
| 1 | 2 + 1 = | 23 | 40 + 30 = | |
| 2 | 20 + 10 = | 24 | 45 + 30 = | |
| 3 | 21 + 10 = | 25 | 45 + 3 = | |
| 4 | 21 + 1 = | 26 | 40 - 30 = | |
| 5 | 2 - 1 = | 27 | 49 - 30 = | |
| 6 | 20 - 10 = | 28 | 49 - 3 = | |
| 7 | 25 - 10 = | 29 | 57 + 30 = | |
| 8 | 25 - 1 = | 30 | 57 - 30 = | |
| 9 | 37 + 10 = | 31 | 57 - 3 = | |
| 10 | 10 - 1 = | 32 | 50 - 3 = | |
| 11 | 70 - 1 = | 33 | 52 - 3 = | |
| 12 | 50 + 20 = | 34 | 20 + 40 = | |
| 13 | 53 + 20 = | 35 | 23 + 40 = | |
| 14 | 53 + 2 = | 36 | 23 + 4 = | |
| 15 | 50 - 20 = | 37 | 80 - 40 = | |
| 16 | 54 - 20 = | 38 | 86 - 40 = | |
| 17 | 54 - 2 = | 39 | 86 - 4 = | |
| 18 | 64 + 2 = | 40 | 43 + 40 = | |
| 19 | 64 - 20 = | 41 | 43 + 4 = | |
| 20 | 10 - 2 = | 42 | 63 - 40 = | |
| 21 | 60 - 2 = | 43 | 80 - 4 = | |
| 22 | 61 - 2 = | 44 | 82 - 4 = | |



Add and subtract multiples of 10 and some ones within 100.

| A Add. | | | # Correc | :t |
|-----------|---------|----|----------|----|
| 1 | 9 + 1 = | 23 | 7 + 3 = | |
| 2 | 9 + 2 = | 24 | 7 + 4 = | |
| 3 | 9 + 3 = | 25 | 7 + 5 = | |
| 4 | 9 + 9 = | 26 | 7 + 9 = | |
| 5 | 8 + 2 = | 27 | 6 + 4 = | |
| 6 | 8 + 3 = | 28 | 6 + 5 = | |
| 7 | 8 + 4 = | 29 | 6 + 6 = | |
| 8 | 8 + 9 = | 30 | 6 + 9 = | |
| 9 | 9 + 1 = | 31 | 5 + 5 = | |
| 10 | 9 + 4 = | 32 | 5 + 6 = | |
| 11 | 9 + 5 = | 33 | 5 + 7 = | |
| 12 | 9 + 8 = | 34 | 5 + 9 = | |
| 13 | 8 + 2 = | 35 | 4 + 6 = | |
| 14 | 8 + 5 = | 36 | 4 + 7 = | |
| 15 | 8 + 6 = | 37 | 4 + 9 = | |
| 16 | 8 + 8 = | 38 | 3 + 7 = | |
| 17 | 9 + 1 = | 39 | 3 + 9 = | |
| 18 | 9 + 7 = | 40 | 5 + 8 = | |
| 19 | 8 + 2 = | 41 | 2 + 8 = | |
| 20 | 8 + 7 = | 42 | 4 + 8 = | |
| 21 | 9 + 1 = | 43 | 1 + 9 = | |
| 22 | 9 + 6 = | 44 | 2 + 9 = | |





Lesson 9:

Use math drawings to represent the composition when adding a two-digit to a three digit addend

| B Add. | | Improvement | t | # Correct |
|-----------|---------|-------------|---------|-----------|
| 1 | 8 + 2 = | 23 | 7 + 3 = | |
| 2 | 8 + 3 = | 24 | 7 + 4 = | |
| 3 | 8 + 4 = | 25 | 7 + 5 = | |
| 4 | 8 + 8 = | 26 | 7 + 8 = | |
| 5 | 9 + 1 = | 27 | 6 + 4 = | |
| 6 | 9 + 2 = | 28 | 6 + 5 = | |
| 7 | 9 + 3 = | 29 | 6 + 6 = | |
| 8 | 9 + 8 = | 30 | 6 + 8 = | |
| 9 | 8 + 2 = | 31 | 5 + 5 = | |
| 10 | 8 + 5 = | 32 | 5 + 6 = | |
| 11 | 8 + 6 = | 33 | 5 + 7 = | |
| 12 | 8 + 9 = | 34 | 5 + 8 = | |
| 13 | 9 + 1 = | 35 | 4 + 6 = | |
| 14 | 9 + 4 = | 36 | 4 + 7 = | |
| 15 | 9 + 5 = | 37 | 4 + 8 = | |
| 16 | 9 + 9 = | 38 | 3 + 7 = | |
| 17 | 9 + 1 = | 39 | 3 + 9 = | |
| 18 | 9 + 7 = | 40 | 5 + 9 = | |
| 19 | 8 + 2 = | 41 | 2 + 8 = | |
| 20 | 8 + 7 = | 42 | 4 + 9 = | |
| 21 | 9 + 1 = | 43 | 1 + 9 = | |
| 22 | 9 + 6 = | 44 | 2 + 9 = | |

EUREKA MATH Lesson 9:

Use math drawings to represent the composition when adding a two-digit to a three digit addend

| Α | Subtract. | | | # Correct |
|----|-----------|----|-----------|-----------|
| 1 | 11 - 10 = | 23 | 19 - 9 = | |
| 2 | 12 - 10 = | 24 | 15 - 6 = | |
| 3 | 13 - 10 = | 25 | 15 - 7 = | |
| 4 | 19 - 10 = | 26 | 15 - 9 = | |
| 5 | 11 - 1 = | 27 | 20 - 10 = | |
| 6 | 12 - 2 = | 28 | 14 - 5 = | |
| 7 | 13 - 3 = | 29 | 14 - 6 = | |
| 8 | 17 - 7 = | 30 | 14 - 7 = | |
| 9 | 11 - 2 = | 31 | 14 - 9 = | |
| 10 | 11 - 3 = | 32 | 15 - 5 = | |
| 11 | 11 - 4 = | 33 | 17 - 8 = | |
| 12 | 11 - 8 = | 34 | 17 - 9 = | |
| 13 | 18 - 8 = | 35 | 18 - 8 = | |
| 14 | 13 - 4 = | 36 | 16 - 7 = | |
| 15 | 13 - 5 = | 37 | 16 - 8 = | |
| 16 | 13 - 6 = | 38 | 16 - 9 = | |
| 17 | 13 - 8 = | 39 | 17 - 10 = | |
| 18 | 16 - 6 = | 40 | 12 - 8 = | |
| 19 | 12 - 3 = | 41 | 18 - 9 = | |
| 20 | 12 - 4 = | 42 | 11 - 9 = | |
| 21 | 12 - 5 = | 43 | 15 - 8 = | |
| 22 | 12 - 9 = | 44 | 13 - 7 = | |





Lesson 10:

Use math drawings to represent the composition when adding a two-digit to a three digit addend.

| в | Subtract. | Improvemen | ıt | # Correct |
|----|-----------|------------|-----------|-----------|
| 1 | 11 - 1 = | 23 | 16 - 6 = | |
| 2 | 12 - 2 = | 24 | 14 - 5 = | |
| 3 | 13 - 3 = | 25 | 14 - 6 = | |
| 4 | 18 - 8 = | 26 | 14 - 7 = | |
| 5 | 11 - 10 = | 27 | 14 - 9 = | |
| 6 | 12 - 10 = | 28 | 20 - 10 = | |
| 7 | 13 - 10 = | 29 | 15 - 6 = | |
| 8 | 18 - 10 = | 30 | 15 - 7 = | |
| 9 | 11 - 2 = | 31 | 15 - 9 = | |
| 10 | 11 - 3 = | 32 | 14 - 4 = | |
| 11 | 11 - 4 = | 33 | 16 - 7 = | |
| 12 | 11 - 7 = | 34 | 16 - 8 = | |
| 13 | 19 - 9 = | 35 | 16 - 9 = | |
| 14 | 12 - 3 = | 36 | 20 - 10 = | |
| 15 | 12 - 4 = | 37 | 17 - 8 = | |
| 16 | 12 - 5 = | 38 | 17 - 9 = | |
| 17 | 12 - 8 = | 39 | 16 - 10 = | |
| 18 | 17 - 7 = | 40 | 18 - 9 = | |
| 19 | 13 - 4 = | 41 | 12 - 9 = | |
| 20 | 13 - 5 = | 42 | 13 - 7 = | |
| 21 | 13 - 6 = | 43 | 11 - 8 = | |
| 22 | 13 - 9 = | 44 | 15 - 8 = | |



Lesson 10:

Use math drawings to represent the composition when adding a two-digit to a three digit addend.

| Α | Subtract. | | # Correct |
|----|-----------|----|-----------|
| 1 | 10 - 5 = | 23 | 14 - 6 = |
| 2 | 20 - 5 = | 24 | 24 - 6 = |
| 3 | 30 - 5 = | 25 | 34 - 6 = |
| 4 | 10 - 2 = | 26 | 15 - 7 = |
| 5 | 20 - 2 = | 27 | 25 - 7 = |
| 6 | 30 - 2 = | 28 | 35 - 7 = |
| 7 | 11 - 2 = | 29 | 11 - 4 = |
| 8 | 21 - 2 = | 30 | 21 - 4 = |
| 9 | 31 - 2 = | 31 | 31 - 4 = |
| 10 | 10 - 8 = | 32 | 12 - 6 = |
| 11 | 11 - 8 = | 33 | 22 - 6 = |
| 12 | 21 - 8 = | 34 | 32 - 6 = |
| 13 | 31 - 8 = | 35 | 21 - 6 = |
| 14 | 14 - 5 = | 36 | 31 - 6 = |
| 15 | 24 - 5 = | 37 | 12 - 8 = |
| 16 | 34 - 5 = | 38 | 32 - 8 = |
| 17 | 15 - 6 = | 39 | 21 - 8 = |
| 18 | 25 - 6 = | 40 | 31 - 8 = |
| 19 | 35 - 6 = | 41 | 28 - 9 = |
| 20 | 10 - 7 = | 42 | 27 - 8 = |
| 21 | 20 - 8 = | 43 | 38 - 9 = |
| 22 | 30 - 9 = | 44 | 37 - 8 = |





Lesson 13:

Use math drawings to represent subtraction with and without decomposition and relate drawings to a written method

| в | Subtract. | Improvemen | t | # Correct |
|----|-----------|------------|----------|-----------|
| 1 | 10 - 1 = | 23 | 13 - 5 = | |
| 2 | 20 - 1 = | 24 | 23 - 5 = | |
| 3 | 30 - 1 = | 25 | 33 - 5 = | |
| 4 | 10 - 3 = | 26 | 16 - 8 = | |
| 5 | 20 - 3 = | 27 | 26 - 8 = | |
| 6 | 30 - 3 = | 28 | 36 - 8 = | |
| 7 | 12 - 3 = | 29 | 12 - 5 = | |
| 8 | 22 - 3 = | 30 | 22 - 5 = | |
| 9 | 32 - 3 = | 31 | 32 - 5 = | |
| 10 | 10 - 9 = | 32 | 11 - 5 = | |
| 11 | 11 - 9 = | 33 | 21 - 5 = | |
| 12 | 21 - 9 = | 34 | 31 - 5 = | |
| 13 | 31 - 9 = | 35 | 12 - 7 = | |
| 14 | 13 - 4 = | 36 | 22 - 7 = | |
| 15 | 23 - 4 = | 37 | 11 - 7 = | |
| 16 | 33 - 4 = | 38 | 31 - 7 = | |
| 17 | 16 - 7 = | 39 | 22 - 9 = | |
| 18 | 26 - 7 = | 40 | 32 - 9 = | |
| 19 | 36 - 7 = | 41 | 38 - 9 = | |
| 20 | 10 - 6 = | 42 | 37 - 8 = | |
| 21 | 20 - 7 = | 43 | 28 - 9 = | |
| 22 | 30 - 8 = | 44 | 27 - 8 = | |



Lesson 13:

Use math drawings to represent subtraction with and without decomposition and relate drawings to a written method

| А | Subtract. | | | | # Correct |
|----|-----------|----|------|-------|-----------|
| 1 | 53 - 2 = | 23 | 84 - | 40 = | |
| 2 | 65 - 3 = | 24 | 80 - | 50 = | |
| 3 | 77 - 4 = | 25 | 86 - | 50 = | |
| 4 | 89 - 5 = | 26 | 70 - | 60 = | |
| 5 | 99 - 6 = | 27 | 77 - | 60 = | |
| 6 | 28 - 7 = | 28 | 80 - | 70 = | |
| 7 | 39 - 8 = | 29 | 88 - | 70 = | |
| 8 | 31 - 2 = | 30 | 48 - | - 4 = | |
| 9 | 41 - 3 = | 31 | 80 - | 40 = | |
| 10 | 51 - 4 = | 32 | 81 - | 40 = | |
| 11 | 61 - 5 = | 33 | 46 - | - 3 = | |
| 12 | 30 - 9 = | 34 | 60 - | 30 = | |
| 13 | 40 - 8 = | 35 | 68 - | 30 = | |
| 14 | 50 - 7 = | 36 | 67 - | - 4 = | |
| 15 | 60 - 6 = | 37 | 67 - | 40 = | |
| 16 | 40 - 30 = | 38 | 89 - | - 6 = | |
| 17 | 41 - 30 = | 39 | 89 - | 60 = | |
| 18 | 40 - 20 = | 40 | 76 - | - 2 = | |
| 19 | 42 - 20 = | 41 | 76 - | 20 = | |
| 20 | 80 - 50 = | 42 | 54 · | - 6 = | |
| 21 | 85 - 50 = | 43 | 65 · | - 8 = | |
| 22 | 80 - 40 = | 44 | 87 - | - 9 = | |



Correct



Represent subtraction with and without the decomposition when there is a three-digit minuend

| в | Subtract. | Improvemen | nt | # Correct |
|----|-----------|------------|-----------|-----------|
| 1 | 43 - 2 = | 23 | 94 - 50 - | |
| 2 | 55 - 3 = | 24 | 90 - 60 - | |
| 3 | 67 - 4 = | 25 | 96 - 60 = | |
| 4 | 79 - 5 = | 26 | 80 - 70 = | |
| 5 | 89 - 6 = | 27 | 87 - 70 = | |
| 6 | 98 - 7 = | 28 | 90 - 80 = | |
| 7 | 29 - 8 = | 29 | 98 - 80 = | |
| 8 | 21 - 2 = | 30 | 39 - 4 = | |
| 9 | 31 - 3 = | 31 | 90 - 40 = | |
| 10 | 41 - 4 = | 32 | 91 - 40 = | |
| 11 | 51 - 5 = | 33 | 47 - 3 = | |
| 12 | 20 - 9 = | 34 | 70 - 30 = | |
| 13 | 30 - 8 = | 35 | 78 - 30 = | |
| 14 | 40 - 7 = | 36 | 68 - 4 = | |
| 15 | 50 - 6 = | 37 | 68 - 40 = | |
| 16 | 30 - 20 = | 38 | 89 - 7 = | |
| 17 | 31 - 20 = | 39 | 89 - 70 = | |
| 18 | 50 - 30 = | 40 | 56 - 2 = | |
| 19 | 52 - 30 = | 41 | 56 - 20 = | |
| 20 | 70 - 40 = | 42 | 34 - 6 = | |
| 21 | 75 - 40 = | 43 | 45 - 8 = | |
| 22 | 90 - 50 = | 44 | 57 - 9 = | |



Lesson 15:

Represent subtraction with and without the decomposition when there is a three-digit minuend

| Α | Add. | | | # Correct |
|----|----------|----|----------|-----------|
| 1 | 38 + 1 = | 23 | 85 + 7 = | |
| 2 | 47 + 2 = | 24 | 85 + 9 = | |
| 3 | 56 + 3 = | 25 | 76 + 4 - | |
| 4 | 65 + 4 = | 26 | 76 + 5 = | |
| 5 | 31 + 8 = | 27 | 76 + 6 = | |
| 6 | 42 + 7 = | 28 | 76 + 9 = | |
| 7 | 53 + 6 = | 29 | 64 + 6 = | |
| 8 | 64 + 5 = | 30 | 64 + 7 = | |
| 9 | 49 + 1 = | 31 | 76 + 8 = | |
| 10 | 49 + 2 = | 32 | 43 + 7 = | |
| 11 | 49 + 3 = | 33 | 43 + 8 = | |
| 12 | 49 + 5 = | 34 | 43 + 9 = | |
| 13 | 58 + 2 = | 35 | 52 + 8 = | |
| 14 | 58 + 3 = | 36 | 52 + 9 = | |
| 15 | 58 + 4 = | 37 | 59 + 1 = | |
| 16 | 58 + 6 = | 38 | 59 + 3 = | |
| 17 | 67 + 3 = | 39 | 58 + 2 = | |
| 18 | 57 + 4 = | 40 | 58 + 4 = | |
| 19 | 57 + 5 = | 41 | 77 + 3 = | |
| 20 | 57 + 7 = | 42 | 77 + 5 = | |
| 21 | 85 + 5 = | 43 | 35 + 5 = | |
| 22 | 85 + 6 = | 44 | 35 + 8 = | |



Correct

| в | Add. | Improvement | t | # Correct |
|----|----------|-------------|----------|-----------|
| 1 | 28 + 1 = | 23 | 75 + 7 = | |
| 2 | 37 + 2 = | 24 | 75 + 9 = | |
| 3 | 46 + 3 = | 25 | 66 + 4 = | |
| 4 | 55 + 4 = | 26 | 66 + 5 = | |
| 5 | 21 + 8 = | 27 | 66 + 6 = | |
| 6 | 32 + 7 = | 28 | 66 + 9 = | |
| 7 | 43 + 6 = | 29 | 54 + 6 = | |
| 8 | 54 + 5 = | 30 | 54 + 7 = | |
| 9 | 39 + 1 = | 31 | 54 + 8 = | |
| 10 | 39 + 2 = | 32 | 33 + 7 = | |
| 11 | 39 + 3 = | 33 | 33 + 8 = | |
| 12 | 39 + 5 = | 34 | 33 + 9 = | |
| 13 | 48 + 2 = | 35 | 42 + 8 = | |
| 14 | 48 + 3 = | 36 | 42 + 9 = | |
| 15 | 48 + 4 = | 37 | 49 + 1 = | |
| 16 | 48 + 6 = | 38 | 49 + 3 = | |
| 17 | 57 + 3 = | 39 | 58 + 2 = | |
| 18 | 57 + 4 = | 40 | 58 + 4 = | |
| 19 | 57 + 5 = | 41 | 67 + 3 = | |
| 20 | 57 + 7 = | 42 | 67 + 5 = | |
| 21 | 75 + 5 = | 43 | 85 + 5 = | |
| 22 | 75 + 6 = | 44 | 85 + 8 = | |

EUREKA

| A | Add. | | | # Correct |
|----|----------|----|----------|-----------|
| 1 | 38 + 1 = | 23 | 85 + 7 = | |
| 2 | 47 + 2 = | 24 | 85 + 9 = | |
| 3 | 56 + 3 = | 25 | 76 + 4 - | |
| 4 | 65 + 4 = | 26 | 76 + 5 = | |
| 5 | 31 + 8 = | 27 | 76 + 6 = | |
| 6 | 42 + 7 = | 28 | 76 + 9 = | |
| 7 | 53 + 6 = | 29 | 64 + 6 = | |
| 8 | 64 + 5 = | 30 | 64 + 7 = | |
| 9 | 49 + 1 = | 31 | 76 + 8 = | |
| 10 | 49 + 2 = | 32 | 43 + 7 = | |
| 11 | 49 + 3 = | 33 | 43 + 8 = | |
| 12 | 49 + 5 = | 34 | 43 + 9 = | |
| 13 | 58 + 2 = | 35 | 52 + 8 = | |
| 14 | 58 + 3 = | 36 | 52 + 9 = | |
| 15 | 58 + 4 = | 37 | 59 + 1 = | |
| 16 | 58 + 6 = | 38 | 59 + 3 = | |
| 17 | 67 + 3 = | 39 | 58 + 2 = | |
| 18 | 57 + 4 = | 40 | 58 + 4 = | |
| 19 | 57 + 5 = | 41 | 77 + 3 = | |
| 20 | 57 + 7 = | 42 | 77 + 5 = | |
| 21 | 85 + 5 = | 43 | 35 + 5 = | |
| 22 | 85 + 6 = | 44 | 35 + 8 = | |





Lesson 20:

Use math drawings to represent additions with up to two compositions and relate drawings to a written method.

| в | Add. | Improvement | i | # Correct |
|----|----------|-------------|----------|-----------|
| 1 | 28 + 1 = | 23 | 75 + 7 = | |
| 2 | 37 + 2 = | 24 | 75 + 9 = | |
| 3 | 46 + 3 = | 25 | 66 + 4 = | |
| 4 | 55 + 4 = | 26 | 66 + 5 = | |
| 5 | 21 + 8 = | 27 | 66 + 6 = | |
| 6 | 32 + 7 = | 28 | 66 + 9 = | |
| 7 | 43 + 6 = | 29 | 54 + 6 = | |
| 8 | 54 + 5 = | 30 | 54 + 7 = | |
| 9 | 39 + 1 = | 31 | 54 + 8 = | |
| 10 | 39 + 2 = | 32 | 33 + 7 = | |
| 11 | 39 + 3 = | 33 | 33 + 8 = | |
| 12 | 39 + 5 = | 34 | 33 + 9 = | |
| 13 | 48 + 2 = | 35 | 42 + 8 = | |
| 14 | 48 + 3 = | 36 | 42 + 9 = | |
| 15 | 48 + 4 = | 37 | 49 + 1 = | |
| 16 | 48 + 6 = | 38 | 49 + 3 = | |
| 17 | 57 + 3 = | 39 | 58 + 2 = | |
| 18 | 57 + 4 = | 40 | 58 + 4 = | |
| 19 | 57 + 5 = | 41 | 67 + 3 = | |
| 20 | 57 + 7 = | 42 | 67 + 5 = | |
| 21 | 75 + 5 = | 43 | 85 + 5 = | |
| 22 | 75 + 6 = | 44 | 85 + 8 = | |



Lesson 20:

Use math drawings to represent additions with up to two compositions and relate drawings to a written method.

| Α | Subtract. | | # Correct |
|----|-----------|----|-----------|
| 1 | 10 - 1 = | 23 | 21 - 6 = |
| 2 | 10 - 2 = | 24 | 91 - 6 = |
| 3 | 20 - 2 = | 25 | 10 - 7 = |
| 4 | 40 - 2 = | 26 | 11 - 7 = |
| 5 | 10 - 2 = | 27 | 31 - 7 = |
| 6 | 11 - 2 = | 28 | 10 - 8 = |
| 7 | 21 - 2 = | 29 | 11 - 8 = |
| 8 | 51 - 2= | 30 | 41 - 8 = |
| 9 | 10 - 3 = | 31 | 10 - 9 = |
| 10 | 11 - 3 = | 32 | 11 - 9 = |
| 11 | 21 - 3 = | 33 | 51 - 9 = |
| 12 | 61 - 3 = | 34 | 12 - 3 = |
| 13 | 10 - 4 = | 35 | 82 - 3 = |
| 14 | 11 - 4 = | 36 | 13 - 5 = |
| 15 | 21 - 4 = | 37 | 73 - 5 = |
| 16 | 71 - 4 = | 38 | 14 - 6 = |
| 17 | 10 - 5 = | 39 | 84 - 6 = |
| 18 | 11 - 5 = | 40 | 15 - 8 = |
| 19 | 21 - 5 = | 41 | 95 - 8 = |
| 20 | 81 - 5 = | 42 | 16 - 7 = |
| 21 | 10 - 6 = | 43 | 46 - 7 = |
| 22 | 11 - 6 = | 44 | 68 - 9 = |





Lesson 23:

Use number bonds to break apart three-digit minuends and subtract from the hundred.

| в | Subtract. | Improvement | # Correct |
|----|-----------|-------------|-----------|
| 1 | 10 - 2 = | 23 | 21 - 6 = |
| 2 | 20 - 2 = | 24 | 41 - 6 = |
| 3 | 30 - 2 = | 25 | 10 - 7 = |
| 4 | 50 - 2 = | 26 | 11 - 7 = |
| 5 | 10 - 2 = | 27 | 51 - 7 = |
| 6 | 11 - 2 = | 28 | 10 - 8 = |
| 7 | 21 - 2 = | 29 | 11 - 8 = |
| 8 | 61 - 2 = | 30 | 61 - 8 = |
| 9 | 10 - 3 = | 31 | 10 - 9 = |
| 10 | 11 - 3 = | 32 | 11 - 9 = |
| 11 | 21 - 3 = | 33 | 31 - 9 = |
| 12 | 71 - 3 = | 34 | 12 - 3 = |
| 13 | 10 - 4 = | 35 | 92 - 3 = |
| 14 | 11 - 4 = | 36 | 13 - 5 = |
| 15 | 21 - 4 = | 37 | 43 - 5 = |
| 16 | 81 - 4 = | 38 | 14 - 6 = |
| 17 | 10 - 5 = | 39 | 64 - 6 = |
| 18 | 11 - 5 = | 40 | 15 - 8 = |
| 19 | 21 - 5 = | 41 | 85 - 8 = |
| 20 | 91 - 5 = | 42 | 16 - 7 = |
| 21 | 10 - 6 = | 43 | 76 - 7 = |
| 22 | 11 - 6 = | 44 | 58 - 9 = |



Lesson 23:

| Α | Subtract. | | # Correct |
|----|-----------|----|-----------|
| 1 | 30 - 1 = | 23 | 31 - 2 = |
| 2 | 40 - 2 = | 24 | 31 - 3 = |
| 3 | 50 - 3 = | 25 | 31 - 4 = |
| 4 | 50 - 4 = | 26 | 41 - 4 = |
| 5 | 50 - 5 = | 27 | 51 - 5 = |
| 6 | 50 - 9 = | 28 | 61 - 6 = |
| 7 | 51 - 9 = | 29 | 71 - 7 = |
| 8 | 61 - 9 = | 30 | 81 - 8 = |
| 9 | 81 - 9 = | 31 | 82 - 8 = |
| 10 | 82 - 9 = | 32 | 82 - 7 = |
| 11 | 92 - 9 = | 33 | 82 - 6 = |
| 12 | 93 - 9 = | 34 | 82 - 3 = |
| 13 | 93 - 8 = | 35 | 34 - 5 = |
| 14 | 83 - 8 = | 36 | 45 - 6 = |
| 15 | 33 - 8 = | 37 | 56 - 7 = |
| 16 | 33 - 7 = | 38 | 67 - 8 = |
| 17 | 43 - 7 = | 39 | 78 - 9 = |
| 18 | 53 - 6 = | 40 | 77 - 9 = |
| 19 | 63 - 6 = | 41 | 64 - 6 = |
| 20 | 63 - 5 = | 42 | 24 - 8 = |
| 21 | 73 - 5 = | 43 | 35 - 8 = |
| 22 | 93 - 5 = | 44 | 36 - 8 = |





Lesson 26:

Use math drawings to represent subtraction with up to two decompositions and relate drawings to a written method

| В | Subtract. | Improvement | | # Correct |
|----|-----------|-------------|----------|-----------|
| 1 | 20 - 1 = | 23 | 21 - 2 = | |
| 2 | 30 - 2 = | 24 | 21 - 3 = | |
| 3 | 40 - 3 = | 25 | 21 - 4 = | |
| 4 | 40 - 4 = | 26 | 31 - 4 = | |
| 5 | 40 - 5 = | 27 | 41 - 5 = | |
| 6 | 40 - 9 = | 28 | 51 - 6 = | |
| 7 | 41 - 9 = | 29 | 61 - 7 = | |
| 8 | 51 - 9 = | 30 | 71 - 8 = | |
| 9 | 71 - 9 = | 31 | 72 - 8 = | |
| 10 | 72 - 9 = | 32 | 72 - 7 = | |
| 11 | 82 - 9 = | 33 | 72 - 6 = | |
| 12 | 83 - 9 = | 34 | 72 - 3 = | |
| 13 | 83 - 8 = | 35 | 24 - 5 = | |
| 14 | 93 - 8 = | 36 | 35 - 6 = | |
| 15 | 23 - 8 = | 37 | 46 - 7 = | |
| 16 | 23 - 7 = | 38 | 57 - 8 = | |
| 17 | 33 - 7 = | 39 | 68 - 9 = | |
| 18 | 43 - 6 = | 40 | 67 - 9 = | |
| 19 | 53 - 6 = | 41 | 54 - 6 = | |
| 20 | 53 - 5 = | 42 | 24 - 9 = | |
| 21 | 63 - 5 = | 43 | 35 - 9 = | |
| 22 | 83 - 5 = | 44 | 46 - 9 = | |



Lesson 26:

Use math drawings to represent subtraction with up to two decompositions and relate drawings to a written method

| Α | Subtract. | | # Correct |
|----|------------|----|------------|
| 1 | 10 - 1 = | 23 | 100 - 82 = |
| 2 | 100 - 10 = | 24 | 100 - 85 = |
| 3 | 90 - 1 = | 25 | 100 - 15 = |
| 4 | 100 - 11 = | 26 | 100 - 70 = |
| 5 | 10 - 2 = | 27 | 100 - 71 = |
| 6 | 100 - 20 = | 28 | 100 - 72 = |
| 7 | 80 - 1 = | 29 | 100 - 75 = |
| 8 | 100 - 21 = | 30 | 100 - 25 = |
| 9 | 10 - 5 = | 31 | 100 - 10 = |
| 10 | 100 - 50 = | 32 | 100 - 11 = |
| 11 | 50 - 2 = | 33 | 100 - 12 = |
| 12 | 100 - 52 = | 34 | 100 - 18 = |
| 13 | 10 - 4 = | 35 | 100 - 82 = |
| 14 | 100 - 40 = | 36 | 100 - 60 = |
| 15 | 60 - 1 = | 37 | 100 - 6 = |
| 16 | 100 - 41 = | 38 | 100 - 70 = |
| 17 | 10 - 3 = | 39 | 100 - 7 = |
| 18 | 100 - 30 = | 40 | 100 - 43 = |
| 19 | 70 - 5 = | 41 | 100 - 8 = |
| 20 | 100 - 35 = | 42 | 100 - 59 = |
| 21 | 100 - 80 = | 43 | 100 - 4 = |
| 22 | 100 - 81 = | 44 | 100 - 68 = |



Corroct

Subtract from 200 and from numbers with zeros in the tens place. Lesson 27:



| в | Subtract. | Improvement | # Correct |
|----|------------|-------------|------------|
| 1 | 10 - 5 = | 23 | 100 - 72 = |
| 2 | 100 - 50 = | 24 | 100 - 75 = |
| 3 | 50 - 1 = | 25 | 100 - 25 = |
| 4 | 100 - 51 = | 26 | 100 - 80 = |
| 5 | 10 - 2 = | 27 | 100 - 81 = |
| 6 | 100 - 20 = | 28 | 100 - 82 = |
| 7 | 80 - 1 = | 29 | 100 - 85 = |
| 8 | 100 - 21 = | 30 | 100 - 15 = |
| 9 | 10 - 1 = | 31 | 100 - 10 = |
| 10 | 100 - 10 = | 32 | 100 - 11 = |
| 11 | 90 - 2 = | 33 | 100 - 12 = |
| 12 | 100 - 12 = | 34 | 100 - 17 = |
| 13 | 10 - 3 = | 35 | 100 - 83 = |
| 14 | 100 - 30 = | 36 | 100 - 70 = |
| 15 | 70 - 1 = | 37 | 100 - 7 = |
| 16 | 100 - 31 = | 38 | 100 - 60 = |
| 17 | 10 - 4 = | 39 | 100 - 6 = |
| 18 | 100 - 40 = | 40 | 100 - 42 = |
| 19 | 60 - 5 = | 41 | 100 - 4 = |
| 20 | 100 - 45 = | 42 | 100 - 58 = |
| 21 | 100 - 70 = | 43 | 100 - 8 = |
| 22 | 100 - 71 = | 44 | 100 - 67 = |



Lesson 27: Subtract from 200 and from numbers with zeros in the tens place.

А

Correct

| 1 $30 - 1 =$ 23 $31 - 2 =$ 2 $40 - 2 =$ 24 $31 - 3 =$ 3 $50 - 3 =$ 25 $31 - 4 =$ 4 $50 - 4 =$ 26 $41 - 4 =$ 5 $50 - 5 =$ 27 $51 - 5 =$ 6 $50 - 9 =$ 28 $61 - 6 =$ 7 $51 - 9 =$ 29 $71 - 7 =$ 8 $61 - 9 =$ 30 $81 - 8 =$ 9 $81 - 9 =$ 31 $82 - 8 =$ 10 $82 - 9 =$ 32 $82 - 7 =$ 11 $92 - 9 =$ 33 $82 - 6 =$ 12 $93 - 9 =$ 34 $82 - 3 =$ 13 $93 - 8 =$ 35 $34 - 5 =$ 14 $83 - 8 =$ 36 $45 - 6 =$ 15 $33 - 7 =$ 38 $67 - 8 =$ 17 $43 - 7 =$ 39 $78 - 9 =$ 18 $53 - 6 =$ 40 $77 - 9 =$ 19 $63 - 6 =$ 41 $64 - 6 =$ 20 $63 - 5 =$ 42 $24 - 8 =$ 21 $73 - 5 =$ 43 $35 - 8 =$ | ~ | Subtract. | | # Concct |
|--|----|-----------|----|----------|
| 3 $50 - 3 =$ 25 $31 - 4 =$ 4 $50 - 4 =$ 26 $41 - 4 =$ 5 $50 - 5 =$ 27 $51 - 5 =$ 6 $50 - 9 =$ 28 $61 - 6 =$ 7 $51 - 9 =$ 29 $71 - 7 =$ 8 $61 - 9 =$ 30 $81 - 8 =$ 9 $81 - 9 =$ 31 $82 - 8 =$ 10 $82 - 9 =$ 32 $82 - 7 =$ 11 $92 - 9 =$ 33 $82 - 6 =$ 12 $93 - 9 =$ 34 $82 - 3 =$ 13 $93 - 8 =$ 35 $34 - 5 =$ 14 $83 - 8 =$ 36 $45 - 6 =$ 15 $33 - 7 =$ 38 $67 - 8 =$ 17 $43 - 7 =$ 39 $78 - 9 =$ 18 $53 - 6 =$ 40 $77 - 9 =$ 19 $63 - 6 =$ 41 $64 - 6 =$ 20 $63 - 5 =$ 42 $24 - 8 =$ 21 $73 - 5 =$ 43 $35 - 8 =$ | 1 | | 23 | 31 - 2 = |
| 4 $50 - 4 =$ 26 $41 - 4 =$ 5 $50 - 5 =$ 27 $51 - 5 =$ 6 $50 - 9 =$ 28 $61 - 6 =$ 7 $51 - 9 =$ 29 $71 - 7 =$ 8 $61 - 9 =$ 30 $81 - 8 =$ 9 $81 - 9 =$ 31 $82 - 8 =$ 10 $82 - 9 =$ 32 $82 - 7 =$ 11 $92 - 9 =$ 33 $82 - 6 =$ 12 $93 - 9 =$ 34 $82 - 3 =$ 13 $93 - 8 =$ 35 $34 - 5 =$ 14 $83 - 8 =$ 36 $45 - 6 =$ 15 $33 - 8 =$ 37 $56 - 7 =$ 16 $33 - 7 =$ 38 $67 - 8 =$ 17 $43 - 7 =$ 39 $78 - 9 =$ 18 $53 - 6 =$ 40 $77 - 9 =$ 19 $63 - 6 =$ 41 $64 - 6 =$ 20 $63 - 5 =$ 42 $24 - 8 =$ 21 $73 - 5 =$ 43 $35 - 8 =$ | 2 | 40 - 2 = | 24 | 31 - 3 = |
| 5 $50 - 5 =$ 27 $51 - 5 =$ 6 $50 - 9 =$ 28 $61 - 6 =$ 7 $51 - 9 =$ 29 $71 - 7 =$ 8 $61 - 9 =$ 30 $81 - 8 =$ 9 $81 - 9 =$ 31 $82 - 8 =$ 10 $82 - 9 =$ 32 $82 - 7 =$ 11 $92 - 9 =$ 33 $82 - 6 =$ 12 $93 - 9 =$ 34 $82 - 3 =$ 13 $93 - 8 =$ 35 $34 - 5 =$ 14 $83 - 8 =$ 36 $45 - 6 =$ 15 $33 - 8 =$ 36 $45 - 6 =$ 16 $33 - 7 =$ 38 $67 - 8 =$ 17 $43 - 7 =$ 39 $78 - 9 =$ 18 $53 - 6 =$ 40 $77 - 9 =$ 19 $63 - 6 =$ 41 $64 - 6 =$ 20 $63 - 5 =$ 42 $24 - 8 =$ 21 $73 - 5 =$ 43 $35 - 8 =$ | 3 | 50 - 3 = | 25 | 31 - 4 = |
| 6 $50 - 9 =$ 28 $61 - 6 =$ 7 $51 - 9 =$ 29 $71 - 7 =$ 8 $61 - 9 =$ 30 $81 - 8 =$ 9 $81 - 9 =$ 31 $82 - 8 =$ 10 $82 - 9 =$ 32 $82 - 7 =$ 11 $92 - 9 =$ 33 $82 - 6 =$ 12 $93 - 9 =$ 34 $82 - 3 =$ 13 $93 - 8 =$ 35 $34 - 5 =$ 14 $83 - 8 =$ 36 $45 - 6 =$ 15 $33 - 8 =$ 37 $56 - 7 =$ 16 $33 - 7 =$ 38 $67 - 8 =$ 17 $43 - 7 =$ 39 $78 - 9 =$ 18 $53 - 6 =$ 40 $77 - 9 =$ 19 $63 - 6 =$ 41 $64 - 6 =$ 20 $63 - 5 =$ 42 $24 - 8 =$ 21 $73 - 5 =$ 43 $35 - 8 =$ | 4 | 50 - 4 = | 26 | 41 - 4 = |
| 7 $51 - 9 =$ 29 $71 - 7 =$ 8 $61 - 9 =$ 30 $81 - 8 =$ 9 $81 - 9 =$ 31 $82 - 8 =$ 10 $82 - 9 =$ 32 $82 - 7 =$ 11 $92 - 9 =$ 33 $82 - 6 =$ 12 $93 - 9 =$ 34 $82 - 3 =$ 13 $93 - 8 =$ 35 $34 - 5 =$ 14 $83 - 8 =$ 36 $45 - 6 =$ 15 $33 - 8 =$ 37 $56 - 7 =$ 16 $33 - 7 =$ 38 $67 - 8 =$ 17 $43 - 7 =$ 39 $78 - 9 =$ 18 $53 - 6 =$ 40 $77 - 9 =$ 19 $63 - 6 =$ 41 $64 - 6 =$ 20 $63 - 5 =$ 42 $24 - 8 =$ 21 $73 - 5 =$ 43 $35 - 8 =$ | 5 | 50 - 5 = | 27 | 51 - 5 = |
| 8 $61 - 9 =$ 30 $81 - 8 =$ 9 $81 - 9 =$ 31 $82 - 8 =$ 10 $82 - 9 =$ 32 $82 - 7 =$ 11 $92 - 9 =$ 33 $82 - 6 =$ 12 $93 - 9 =$ 34 $82 - 3 =$ 13 $93 - 8 =$ 35 $34 - 5 =$ 14 $83 - 8 =$ 36 $45 - 6 =$ 15 $33 - 8 =$ 36 $45 - 6 =$ 15 $33 - 8 =$ 37 $56 - 7 =$ 16 $33 - 7 =$ 38 $67 - 8 =$ 17 $43 - 7 =$ 39 $78 - 9 =$ 18 $53 - 6 =$ 41 $64 - 6 =$ 20 $63 - 5 =$ 42 $24 - 8 =$ 21 $73 - 5 =$ 43 $35 - 8 =$ | 6 | 50 - 9 = | 28 | 61 - 6 = |
| 9 $81 - 9 =$ 31 $82 - 8 =$ 10 $82 - 9 =$ 32 $82 - 7 =$ 11 $92 - 9 =$ 33 $82 - 6 =$ 12 $93 - 9 =$ 34 $82 - 3 =$ 13 $93 - 8 =$ 35 $34 - 5 =$ 14 $83 - 8 =$ 36 $45 - 6 =$ 15 $33 - 8 =$ 37 $56 - 7 =$ 16 $33 - 7 =$ 38 $67 - 8 =$ 17 $43 - 7 =$ 39 $78 - 9 =$ 18 $53 - 6 =$ 40 $77 - 9 =$ 19 $63 - 6 =$ 41 $64 - 6 =$ 20 $63 - 5 =$ 42 $24 - 8 =$ 21 $73 - 5 =$ 43 $35 - 8 =$ | 7 | 51 - 9 = | 29 | 71 - 7 = |
| 10 $82 - 9 =$ 32 $82 - 7 =$ 11 $92 - 9 =$ 33 $82 - 6 =$ 12 $93 - 9 =$ 34 $82 - 3 =$ 13 $93 - 8 =$ 35 $34 - 5 =$ 14 $83 - 8 =$ 36 $45 - 6 =$ 15 $33 - 8 =$ 37 $56 - 7 =$ 16 $33 - 7 =$ 38 $67 - 8 =$ 17 $43 - 7 =$ 39 $78 - 9 =$ 18 $53 - 6 =$ 40 $77 - 9 =$ 19 $63 - 6 =$ 41 $64 - 6 =$ 20 $63 - 5 =$ 42 $24 - 8 =$ 21 $73 - 5 =$ 43 $35 - 8 =$ | 8 | 61 - 9 = | 30 | 81 - 8 = |
| 11 $92 - 9 =$ 33 $82 - 6 =$ 12 $93 - 9 =$ 34 $82 - 3 =$ 13 $93 - 8 =$ 35 $34 - 5 =$ 14 $83 - 8 =$ 36 $45 - 6 =$ 15 $33 - 8 =$ 37 $56 - 7 =$ 16 $33 - 7 =$ 38 $67 - 8 =$ 17 $43 - 7 =$ 39 $78 - 9 =$ 18 $53 - 6 =$ 40 $77 - 9 =$ 19 $63 - 6 =$ 41 $64 - 6 =$ 20 $63 - 5 =$ 42 $24 - 8 =$ 21 $73 - 5 =$ 43 $35 - 8 =$ | 9 | 81 - 9 = | 31 | 82 - 8 = |
| 12 $93 - 9 =$ 34 $82 - 3 =$ 13 $93 - 8 =$ 35 $34 - 5 =$ 14 $83 - 8 =$ 36 $45 - 6 =$ 15 $33 - 8 =$ 37 $56 - 7 =$ 16 $33 - 7 =$ 38 $67 - 8 =$ 17 $43 - 7 =$ 39 $78 - 9 =$ 18 $53 - 6 =$ 40 $77 - 9 =$ 19 $63 - 6 =$ 41 $64 - 6 =$ 20 $63 - 5 =$ 42 $24 - 8 =$ 21 $73 - 5 =$ 43 $35 - 8 =$ | 10 | 82 - 9 = | 32 | 82 - 7 = |
| 13 $93 - 8 =$ 35 $34 - 5 =$ 14 $83 - 8 =$ 36 $45 - 6 =$ 15 $33 - 8 =$ 37 $56 - 7 =$ 16 $33 - 7 =$ 38 $67 - 8 =$ 17 $43 - 7 =$ 39 $78 - 9 =$ 18 $53 - 6 =$ 40 $77 - 9 =$ 19 $63 - 6 =$ 41 $64 - 6 =$ 20 $63 - 5 =$ 42 $24 - 8 =$ 21 $73 - 5 =$ 43 $35 - 8 =$ | 11 | 92 - 9 = | 33 | 82 - 6 = |
| 14 $83 - 8 =$ 36 $45 - 6 =$ 15 $33 - 8 =$ 37 $56 - 7 =$ 16 $33 - 7 =$ 38 $67 - 8 =$ 17 $43 - 7 =$ 39 $78 - 9 =$ 18 $53 - 6 =$ 40 $77 - 9 =$ 19 $63 - 6 =$ 41 $64 - 6 =$ 20 $63 - 5 =$ 42 $24 - 8 =$ 21 $73 - 5 =$ 43 $35 - 8 =$ | 12 | 93 - 9 = | 34 | 82 - 3 = |
| 15 $33 - 8 =$ 37 $56 - 7 =$ 16 $33 - 7 =$ 38 $67 - 8 =$ 17 $43 - 7 =$ 39 $78 - 9 =$ 18 $53 - 6 =$ 40 $77 - 9 =$ 19 $63 - 6 =$ 41 $64 - 6 =$ 20 $63 - 5 =$ 42 $24 - 8 =$ 21 $73 - 5 =$ 43 $35 - 8 =$ | 13 | 93 - 8 = | 35 | 34 - 5 = |
| 16 $33 - 7 =$ 38 $67 - 8 =$ 17 $43 - 7 =$ 39 $78 - 9 =$ 18 $53 - 6 =$ 40 $77 - 9 =$ 19 $63 - 6 =$ 41 $64 - 6 =$ 20 $63 - 5 =$ 42 $24 - 8 =$ 21 $73 - 5 =$ 43 $35 - 8 =$ | 14 | 83 - 8 = | 36 | 45 - 6 = |
| 17 $43 - 7 =$ 39 $78 - 9 =$ 18 $53 - 6 =$ 40 $77 - 9 =$ 19 $63 - 6 =$ 41 $64 - 6 =$ 20 $63 - 5 =$ 42 $24 - 8 =$ 21 $73 - 5 =$ 43 $35 - 8 =$ | 15 | 33 - 8 = | 37 | 56 - 7 = |
| 18 $53 - 6 =$ 40 $77 - 9 =$ 19 $63 - 6 =$ 41 $64 - 6 =$ 20 $63 - 5 =$ 42 $24 - 8 =$ 21 $73 - 5 =$ 43 $35 - 8 =$ | 16 | 33 - 7 = | 38 | 67 - 8 = |
| 19 63 - 6 = 41 64 - 6 = 20 63 - 5 = 42 24 - 8 = 21 73 - 5 = 43 35 - 8 = | 17 | 43 - 7 = | 39 | 78 - 9 = |
| 20 63 - 5 = 42 24 - 8 = 21 73 - 5 = 43 35 - 8 = | 18 | 53 - 6 = | 40 | 77 - 9 = |
| 21 73 - 5 = 43 35 - 8 = | 19 | 63 - 6 = | 41 | 64 - 6 = |
| | 20 | 63 - 5 = | 42 | 24 - 8 = |
| 22 93 - 5 = 44 36 - 8 = | 21 | 73 - 5 = | 43 | 35 - 8 = |
| | 22 | 93 - 5 = | 44 | 36 - 8 = |



Lesson 30: Compare totals below to new groups below as written methods.

| В | Subtract. | Improvement | # Correct |
|----|-----------|-------------|-----------|
| 1 | 20 - 1 = | 23 2 | 1-2= |
| 2 | 30 - 2 = | 24 2 | 1 - 3 = |
| 3 | 40 - 3 = | 25 2 | 1 - 4 = |
| 4 | 40 - 4 = | 26 3 | 1 - 4 = |
| 5 | 40 - 5 = | 27 4 | 1 - 5 = |
| 6 | 40 - 9 = | 28 5 | 1 - 6 = |
| 7 | 41 - 9 = | 29 6 | 1 - 7 = |
| 8 | 51 - 9 = | 30 7 | 1 - 8 = |
| 9 | 71 - 9 = | 31 7 | 2 - 8 = |
| 10 | 72 - 9 = | 32 7 | 2 - 7 = |
| 11 | 82 - 9 = | 33 7 | 2 - 6 = |
| 12 | 83 - 9 = | 34 7 | 2 - 3 = |
| 13 | 83 - 8 = | 35 2 | 4 - 5 = |
| 14 | 93 - 8 = | 36 3 | 5 - 6 = |
| 15 | 23 - 8 = | 37 4 | 6 - 7 = |
| 16 | 23 - 7 = | 38 5 | 7 - 8 = |
| 17 | 33 - 7 = | 39 6 | 8 - 9 = |
| 18 | 43 - 6 = | 40 6 | 7 - 9 = |
| 19 | 53 - 6 = | 41 5 | 4 - 6 = |
| 20 | 53 - 5 = | 42 2 | 4 - 9 = |
| 21 | 63 - 5 = | 43 3 | 5 - 9 = |
| 22 | 83 - 5 = | 44 4 | 6 - 9 = |



Lesson 30: Compare totals below to new groups below as written methods.

| А | Add. | | # Correct |
|----|-----------|----|-----------|
| 1 | 40 + 3 = | 23 | 45 + 44 = |
| 2 | 40 + 8 = | 24 | 44 + 45 = |
| 3 | 40 + 9 = | 25 | 30 + 20 = |
| 4 | 40 + 10 = | 26 | 34 + 20 = |
| 5 | 41 + 10 = | 27 | 34 + 21 = |
| 6 | 42 + 10 = | 28 | 34 + 25 = |
| 7 | 45 + 10 = | 29 | 34 + 52 = |
| 8 | 45 + 11 = | 30 | 50 + 30 = |
| 9 | 45 + 12 = | 31 | 56 + 30 = |
| 10 | 44 + 12 = | 32 | 56 + 31 = |
| 11 | 43 + 12 = | 33 | 56 + 32 = |
| 12 | 43 + 13 = | 34 | 32 + 56 = |
| 13 | 13 + 43 = | 35 | 23 + 56 = |
| 14 | 40 + 20 = | 36 | 24 + 75 = |
| 15 | 41 + 20 = | 37 | 16 + 73 = |
| 16 | 42 + 20 = | 38 | 34 + 54 = |
| 17 | 47 + 20 = | 39 | 62 + 37 = |
| 18 | 47 + 30 = | 40 | 45 + 34 = |
| 19 | 47 + 40 = | 41 | 27 + 61 = |
| 20 | 47 + 41 = | 42 | 16 + 72 = |
| 21 | 47 + 42 = | 43 | 36 + 42 = |
| 22 | 45 + 42 = | 44 | 32 + 54 = |



Add multiples of 100 and some tens within 1,000. 10/23/13

| в | Add. | Improvement _ | # Correct |
|----|-----------|---------------|-----------|
| 1 | 50 + 3 = | 23 | 55 + 44 = |
| 2 | 50 + 8 = | 24 | 44 + 55 = |
| 3 | 50 + 9 = | 25 | 40 + 20 = |
| 4 | 50 + 10 = | 26 | 44 + 20 = |
| 5 | 51 + 10 = | 27 | 44 + 21 = |
| 6 | 52 + 10 = | 28 | 44 + 25 = |
| 7 | 55 + 10 = | 29 | 44 + 52 = |
| 8 | 55 + 11 = | 30 | 60 + 30 = |
| 9 | 55 + 12 = | 31 | 66 + 30 = |
| 10 | 54 + 12 = | 32 | 66 + 31 = |
| 11 | 53 + 12 = | 33 | 66 + 32 = |
| 12 | 53 + 13 = | 34 | 32 + 66 = |
| 13 | 13 + 43 = | 35 | 23 + 66 = |
| 14 | 50 + 20 = | 36 | 25 + 74 = |
| 15 | 51 + 20 = | 37 | 13 + 76 = |
| 16 | 52 + 20 = | 38 | 43 + 45 = |
| 17 | 57 + 20 = | 39 | 26 + 73 = |
| 18 | 57 + 30 = | 40 | 54 + 43 = |
| 19 | 57 + 40 = | 41 | 72 + 16 = |
| 20 | 57 + 41 = | 42 | 61 + 27 = |
| 21 | 57 + 42 = | 43 | 63 + 24 = |
| 22 | 55 + 42 = | 44 | 32 + 45 = |

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Lesson 3: Date: Add multiples of 100 and some tens within 1,000. 10/23/13

| Α | Subtract. | | # Correct |
|----|-----------|----|-----------|
| 1 | 33 - 22 = | 23 | 99 - 32 = |
| 2 | 44 - 33 = | 24 | 86 - 32 = |
| 3 | 55 - 44 = | 25 | 79 - 32 = |
| 4 | 99 - 88 = | 26 | 79 - 23 = |
| 5 | 33 - 11 = | 27 | 68 - 13 = |
| 6 | 44 - 22 = | 28 | 69 - 23 = |
| 7 | 55 - 33 = | 29 | 89 - 14 = |
| 8 | 88 - 22 = | 30 | 77 - 12 = |
| 9 | 66 - 22 = | 31 | 57 - 12 = |
| 10 | 43 - 11 = | 32 | 77 - 32 = |
| 11 | 34 - 11 = | 33 | 99 - 36 = |
| 12 | 45 - 11 = | 34 | 88 - 25 = |
| 13 | 46 - 12 = | 35 | 89 - 36 = |
| 14 | 55 - 12 = | 36 | 98 - 16 = |
| 15 | 54 - 12 = | 37 | 78 - 26 = |
| 16 | 55 - 21 = | 38 | 99 - 37 = |
| 17 | 64 - 21 = | 39 | 89 - 38 = |
| 18 | 63 - 21 = | 40 | 59 - 28 = |
| 19 | 45 - 21 = | 41 | 99 - 58 = |
| 20 | 34 - 12 = | 42 | 99 - 45 = |
| 21 | 43 - 21 = | 43 | 78 - 43 = |
| 22 | 54 - 32 = | 44 | 98 - 73 = |



Lesson 4: Date: Subtract multiples of 100 and some tens within 1,000. 10/23/13

| в | Subtract. | Improvement | | # Correct |
|----|-----------|-------------|-----------|-----------|
| 1 | 33 - 11 = | 23 | 99 - 42 = | |
| 2 | 44 - 11 = | 24 | 79 - 32 = | |
| 3 | 55 - 11 = | 25 | 89 - 52 = | |
| 4 | 88 - 11 = | 26 | 99 - 23 = | |
| 5 | 33 - 22 = | 27 | 79 - 13 = | |
| 6 | 44 - 22 = | 28 | 79 - 23 = | |
| 7 | 55 - 22 = | 29 | 99 - 14 = | |
| 8 | 99 - 22 = | 30 | 87 - 12 = | |
| 9 | 77 - 22 = | 31 | 77 - 12 = | |
| 10 | 34 - 11 = | 32 | 87 - 32 = | |
| 11 | 43 - 11 = | 33 | 99 - 36 = | |
| 12 | 54 - 11 = | 34 | 78 - 25 = | |
| 13 | 55 - 12 = | 35 | 79 - 36 = | |
| 14 | 46 - 12 = | 36 | 88 - 16 = | |
| 15 | 44 - 12 = | 37 | 88 - 26 = | |
| 16 | 64 21 = | 38 | 89 - 37 = | |
| 17 | 55 - 21 = | 39 | 99 - 38 = | |
| 18 | 53 - 21 = | 40 | 69 - 28 = | |
| 19 | 44 - 21 = | 41 | 89 - 58 = | |
| 20 | 34 - 22 = | 42 | 99 - 45 = | |
| 21 | 43 - 22 = | 43 | 68 - 43 = | |
| 22 | 54 - 22 = | 44 | 98 - 72 = | |



| Α | Add. | | | # Correct |
|----|----------|----|----------|-----------|
| 1 | 38 + 1 = | 23 | 85 + 7 = | |
| 2 | 47 + 2 = | 24 | 85 + 9 = | |
| 3 | 56 + 3 = | 25 | 76 + 4 - | |
| 4 | 65 + 4 = | 26 | 76 + 5 = | |
| 5 | 31 + 8 = | 27 | 76 + 6 = | |
| 6 | 42 + 7 = | 28 | 76 + 9 = | |
| 7 | 53 + 6 = | 29 | 64 + 6 = | |
| 8 | 64 + 5 = | 30 | 64 + 7 = | |
| 9 | 49 + 1 = | 31 | 76 + 8 = | |
| 10 | 49 + 2 = | 32 | 43 + 7 = | |
| 11 | 49 + 3 = | 33 | 43 + 8 = | |
| 12 | 49 + 5 = | 34 | 43 + 9 = | |
| 13 | 58 + 2 = | 35 | 52 + 8 = | |
| 14 | 58 + 3 = | 36 | 52 + 9 = | |
| 15 | 58 + 4 = | 37 | 59 + 1 = | |
| 16 | 58 + 6 = | 38 | 59 + 3 = | |
| 17 | 67 + 3 = | 39 | 58 + 2 = | |
| 18 | 57 + 4 = | 40 | 58 + 4 = | |
| 19 | 57 + 5 = | 41 | 77 + 3 = | |
| 20 | 57 + 7 = | 42 | 77 + 5 = | |
| 21 | 85 + 5 = | 43 | 35 + 5 = | |
| 22 | 85 + 6 = | 44 | 35 + 8 = | |

Correct



Lesson 8: Date:

Relate manipulative representations to the addition algorithm.

10/23/13

| в | Add. | Improvement | | # Correct |
|----|----------|-----------------|----------|-----------|
| 1 | 28 + 1 = | 23 | 75 + 7 = | |
| 2 | 37 + 2 = | 24 | 75 + 9 = | |
| 3 | 46 + 3 = | 25 | 66 + 4 = | |
| 4 | 55 + 4 = | 26 | 66 + 5 = | |
| 5 | 21 + 8 = | 27 | 66 + 6 = | |
| 6 | 32 + 7 = | 28 | 66 + 9 = | |
| 7 | 43 + 6 = | 29 | 54 + 6 = | |
| 8 | 54 + 5 = | 30 | 54 + 7 = | |
| 9 | 39 + 1 = | 31 | 54 + 8 = | |
| 10 | 39 + 2 = | 32 | 33 + 7 = | |
| 11 | 39 + 3 = | 33 | 33 + 8 = | |
| 12 | 39 + 5 = | 34 | 33 + 9 = | |
| 13 | 48 + 2 = | 35 | 42 + 8 = | |
| 14 | 48 + 3 = | 36 | 42 + 9 = | |
| 15 | 48 + 4 = | 37 | 49 + 1 = | |
| 16 | 48 + 6 = | 38 | 49 + 3 = | |
| 17 | 57 + 3 = | 39 | 58 + 2 = | |
| 18 | 57 + 4 = | 40 | 58 + 4 = | |
| 19 | 57 + 5 = | 41 | 67 + 3 = | |
| 20 | 57 + 7 = | 42 | 67 + 5 = | |
| 21 | 75 + 5 = | 43 | 85 + 5 = | |
| 22 | 75 + 6 = | © Bill Daridson | 85 + 8 = | |



Lesson 8: Date: Relate manipulative representations to the addition algorithm.

10/23/13

| Α | Add. | | | # Correct |
|----|----------|----|----------|-----------|
| 1 | 8 + 2 = | 23 | 18 + 6 = | |
| 2 | 18 + 2 = | 24 | 28 + 6 = | |
| 3 | 38 + 2 = | 25 | 16 + 8 = | |
| 4 | 7 + 3 = | 26 | 26 + 8 = | |
| 5 | 17 + 3 = | 27 | 18 + 7 = | |
| 6 | 37 + 3 = | 28 | 18 + 8 = | |
| 7 | 8 + 3 = | 29 | 28 + 7 = | |
| 8 | 18 + 3 = | 30 | 28 + 8 = | |
| 9 | 28 + 3 = | 31 | 15 + 9 = | |
| 10 | 6 + 5 = | 32 | 16 + 9 = | |
| 11 | 16 + 5 = | 33 | 25 + 9 = | |
| 12 | 26 + 5 = | 34 | 26 + 9 = | |
| 13 | 18 + 4 = | 35 | 14 + 7 = | |
| 14 | 28 + 4 = | 36 | 16 + 6 = | |
| 15 | 16 + 6 = | 37 | 15 + 8 = | |
| 16 | 26 + 6 = | 38 | 23 + 8 = | |
| 17 | 18 + 5 = | 39 | 25 + 7 = | |
| 18 | 28 + 5 = | 40 | 15 + 7 = | |
| 19 | 16 + 7 = | 41 | 24 + 7 = | |
| 20 | 26 + 7 = | 42 | 14 + 9 = | |
| 21 | 19 + 2 = | 43 | 19 + 8 = | |
| 22 | 17 + 4 = | 44 | 28 + 9 = | |



Lesson 10: Date: Use math drawings to represent additions with up to two compositions and relate drawings to the addition algorithm.

| 1 $9+1=$ 23 $19+5=$ 2 $19+1=$ 24 $29+5=$ 3 $39+1=$ 25 $17+7=$ 4 $6+4=$ 26 $27+7=$ 5 $16+4=$ 27 $19+6=$ 6 $36+4=$ 28 $19+7=$ 7 $9+2=$ 29 $29+6=$ 8 $19+2=$ 30 $29+7=$ 9 $29+2=$ 31 $17+8=$ 10 $7+4=$ 32 $17+9=$ 11 $17+4=$ 33 $27+8=$ 12 $27+4=$ 34 $27+9=$ 13 $19+3=$ 35 $12+9=$ 14 $29+3=$ 36 $14+8=$ | |
|---|--|
| 3 $39 + 1 =$ 25 $17 + 7 =$ 4 $6 + 4 =$ 26 $27 + 7 =$ 5 $16 + 4 =$ 27 $19 + 6 =$ 6 $36 + 4 =$ 28 $19 + 7 =$ 7 $9 + 2 =$ 29 $29 + 6 =$ 8 $19 + 2 =$ 30 $29 + 7 =$ 9 $29 + 2 =$ 31 $17 + 8 =$ 10 $7 + 4 =$ 32 $17 + 9 =$ 11 $17 + 4 =$ 33 $27 + 8 =$ 12 $27 + 4 =$ 34 $27 + 9 =$ 13 $19 + 3 =$ 35 $12 + 9 =$ 14 $29 + 3 =$ 36 $14 + 8 =$ | |
| 4 $6+4=$ 26 $27+7=$ 5 $16+4=$ 27 $19+6=$ 6 $36+4=$ 28 $19+7=$ 7 $9+2=$ 29 $29+6=$ 8 $19+2=$ 30 $29+7=$ 9 $29+2=$ 31 $17+8=$ 10 $7+4=$ 32 $17+9=$ 11 $17+4=$ 33 $27+8=$ 12 $27+4=$ 34 $27+9=$ 13 $19+3=$ 35 $12+9=$ 14 $29+3=$ 36 $14+8=$ | |
| 5 $16 + 4 =$ 27 $19 + 6 =$ 6 $36 + 4 =$ 28 $19 + 7 =$ 7 $9 + 2 =$ 29 $29 + 6 =$ 8 $19 + 2 =$ 30 $29 + 7 =$ 9 $29 + 2 =$ 31 $17 + 8 =$ 10 $7 + 4 =$ 32 $17 + 9 =$ 11 $17 + 4 =$ 33 $27 + 8 =$ 12 $27 + 4 =$ 34 $27 + 9 =$ 13 $19 + 3 =$ 35 $12 + 9 =$ 14 $29 + 3 =$ 36 $14 + 8 =$ | |
| 6 $36 + 4 =$ 28 $19 + 7 =$ 7 $9 + 2 =$ 29 $29 + 6 =$ 8 $19 + 2 =$ 30 $29 + 7 =$ 9 $29 + 2 =$ 31 $17 + 8 =$ 10 $7 + 4 =$ 32 $17 + 9 =$ 11 $17 + 4 =$ 33 $27 + 8 =$ 12 $27 + 4 =$ 34 $27 + 9 =$ 13 $19 + 3 =$ 35 $12 + 9 =$ 14 $29 + 3 =$ 36 $14 + 8 =$ | |
| 7 $9+2=$ 29 $29+6=$ 8 $19+2=$ 30 $29+7=$ 9 $29+2=$ 31 $17+8=$ 10 $7+4=$ 32 $17+9=$ 11 $17+4=$ 33 $27+8=$ 12 $27+4=$ 34 $27+9=$ 13 $19+3=$ 35 $12+9=$ 14 $29+3=$ 36 $14+8=$ | |
| 8 $19 + 2 =$ 30 $29 + 7 =$ 9 $29 + 2 =$ 31 $17 + 8 =$ 10 $7 + 4 =$ 32 $17 + 9 =$ 11 $17 + 4 =$ 33 $27 + 8 =$ 12 $27 + 4 =$ 34 $27 + 9 =$ 13 $19 + 3 =$ 35 $12 + 9 =$ 14 $29 + 3 =$ 36 $14 + 8 =$ | |
| 9 $29 + 2 =$ 31 $17 + 8 =$ 10 $7 + 4 =$ 32 $17 + 9 =$ 11 $17 + 4 =$ 33 $27 + 8 =$ 12 $27 + 4 =$ 34 $27 + 9 =$ 13 $19 + 3 =$ 35 $12 + 9 =$ 14 $29 + 3 =$ 36 $14 + 8 =$ | |
| 10 $7 + 4 =$ 32 $17 + 9 =$ 11 $17 + 4 =$ 33 $27 + 8 =$ 12 $27 + 4 =$ 34 $27 + 9 =$ 13 $19 + 3 =$ 35 $12 + 9 =$ 14 $29 + 3 =$ 36 $14 + 8 =$ | |
| 11 $17 + 4 =$ 33 $27 + 8 =$ 12 $27 + 4 =$ 34 $27 + 9 =$ 13 $19 + 3 =$ 35 $12 + 9 =$ 14 $29 + 3 =$ 36 $14 + 8 =$ | |
| 12 27 + 4 = 34 27 + 9 = 13 19 + 3 = 35 12 + 9 = 14 29 + 3 = 36 14 + 8 = | |
| 13 19 + 3 = 35 12 + 9 = 14 29 + 3 = 36 14 + 8 = | |
| 14 29 + 3 = 36 14 + 8 = | |
| | |
| | |
| 15 17 + 5 = 37 16 + 7 = | |
| 16 27 + 5 = 38 28 + 6 = | |
| 17 19 + 4 = 39 26 + 8 = | |
| 18 29 + 4 = 40 24 + 8 = | |
| 19 17 + 6 = 41 13 + 8 = | |
| 20 27 + 6 = 42 24 + 9 = | |
| 21 18 + 3 = 43 29 + 8 = | |
| 22 26 + 5 = 44 18 + 9 = | |

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Lesson 10: Date:

Use math drawings to represent additions with up to two compositions and relate drawings to the addition algorithm.

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| į | , | ۱ | | |
|---|---|---|---|--|
| I | | | ۱ | |

| # | Correct | |
|---|---------|--|
| | CONCOL | |

| A | Add. | | # Conect |
|----|-----------|----|-------------|
| 1 | 98 + 3 = | 23 | 3 99 + 12 = |
| 2 | 98 + 4 = | 24 | 4 99 + 23 = |
| 3 | 98 + 5 = | 25 | 5 99 + 34 = |
| 4 | 98 + 8 = | 26 | 6 99 + 45 = |
| 5 | 98 + 6 = | 27 | 7 99 + 56 = |
| 6 | 98 + 9 = | 28 | 8 99 + 67 = |
| 7 | 98 + 7 = | 29 | 9 99 + 78 = |
| 8 | 99 + 2 = | 30 | 0 35 + 99 = |
| 9 | 99 + 3 = | 31 | 1 45 + 98 = |
| 10 | 99 + 4 = | 32 | 2 46 + 99 = |
| 11 | 99 + 9 = | 33 | 3 56 + 98 = |
| 12 | 99 + 6 = | 34 | 4 67 + 99 = |
| 13 | 99 + 8 = | 35 | 5 77 + 98 = |
| 14 | 99 + 5 = | 36 | 6 68 + 99 = |
| 15 | 99 + 7 = | 37 | 7 78 + 98 = |
| 16 | 98 + 13 = | 38 | 8 99 + 95 = |
| 17 | 98 + 24 = | 39 | 9 93 + 99 = |
| 18 | 98 + 35 = | 40 | 0 99 + 95 = |
| 19 | 98 + 46 = | 41 | 1 94 + 99 = |
| 20 | 98 + 57 = | 42 | 2 98 + 96 = |
| 21 | 98 + 68 = | 43 | 3 94 + 98 = |
| 22 | 98 + 79 = | 44 | 4 98 + 88 = |



Lesson 12: Date: Choose and explain solution strategies and record with a written addition method.

62

10/23/13

5.B.56

| в | Add. | Improvemen | ıt | # Correct |
|----|-----------|------------|-----------|-----------|
| 1 | 99 + 2 = | 23 | 98 + 13 = | |
| 2 | 99 + 3 = | 24 | 98 + 24 = | |
| 3 | 99 + 4 = | 25 | 98 + 35 = | |
| 4 | 99 + 8 = | 26 | 98 + 46 = | |
| 5 | 99 + 6 = | 27 | 98 + 57 = | |
| 6 | 99 + 9 = | 28 | 98 + 68 = | |
| 7 | 99 + 5 = | 29 | 98 + 79 = | |
| 8 | 99 + 7 = | 30 | 25 + 99 = | |
| 9 | 98 + 3 = | 31 | 35 + 98 = | |
| 10 | 98 + 4 = | 32 | 36 + 99 = | |
| 11 | 98 + 5 = | 33 | 46 + 98 = | |
| 12 | 98 + 9 = | 34 | 57 + 99 = | |
| 13 | 98 + 7 = | 35 | 67 + 98 = | |
| 14 | 98 + 8 = | 36 | 78 + 99 = | |
| 15 | 98 + 6 = | 37 | 88 + 98 = | |
| 16 | 99 + 12 = | 38 | 99 + 93 = | |
| 17 | 99 + 23 = | 39 | 95 + 99 = | |
| 18 | 99 + 34 = | 40 | 99 + 97 = | |
| 19 | 99 + 45 = | 41 | 92 + 99 = | |
| 20 | 99 + 56 = | 42 | 98 + 94 = | |
| 21 | 99 + 67 = | 43 | 96 + 98 = | |
| 22 | 99 + 78 = | 44 | 98 + 86 = | |



Lesson 12: Date: Choose and explain solution strategies and record with a written addition method.

63

10/23/13

5.B.57

| Α | Subtract. | | | | # Correct |
|----|-----------|---|----|-----------|-----------|
| 1 | 11 - 10 = | : | 23 | 19 - 9 = | |
| 2 | 12 - 10 = | : | 24 | 15 - 6 = | |
| 3 | 13 - 10 = | : | 25 | 15 - 7 = | |
| 4 | 19 - 10 = | | 26 | 15 - 9 = | |
| 5 | 11 - 1 = | : | 27 | 20 - 10 = | |
| 6 | 12 - 2 = | : | 28 | 14 - 5 = | |
| 7 | 13 - 3 = | : | 29 | 14 - 6 = | |
| 8 | 17 - 7 = | : | 30 | 14 - 7 = | |
| 9 | 11 - 2 = | : | 31 | 14 - 9 = | |
| 10 | 11 - 3 = | : | 32 | 15 - 5 = | |
| 11 | 11 - 4 = | : | 33 | 17 - 8 = | |
| 12 | 11 - 8 = | : | 34 | 17 - 9 = | |
| 13 | 18 - 8 = | : | 35 | 18 - 8 = | |
| 14 | 13 - 4 = | : | 36 | 16 - 7 = | |
| 15 | 13 - 5 = | : | 37 | 16 - 8 = | |
| 16 | 13 - 6 = | : | 38 | 16 - 9 = | |
| 17 | 13 - 8 = | : | 39 | 17 - 10 = | |
| 18 | 16 - 6 = | | 40 | 12 - 8 = | |
| 19 | 12 - 3 = | | 41 | 18 - 9 = | |
| 20 | 12 - 4 = | | 42 | 11 - 9 = | |
| 21 | 12 - 5 = | | 43 | 15 - 8 = | |
| 22 | 12 - 9 = | | 44 | 13 - 7 = | |



Lesson 16: Date:

Subtract from multiples of 100 and from numbers with zero in the tens

place. 10/23/13

64

5.C.48

| в | Subtract. | Improvemen | t | # Correct |
|----|-----------|------------|-----------|-----------|
| 1 | 11 - 1 = | 23 | 16 - 6 = | |
| 2 | 12 - 2 = | 24 | 14 - 5 = | |
| 3 | 13 - 3 = | 25 | 14 - 6 = | |
| 4 | 18 - 8 = | 26 | 14 - 7 = | |
| 5 | 11 - 10 = | 27 | 14 - 9 = | |
| 6 | 12 - 10 = | 28 | 20 - 10 = | |
| 7 | 13 - 10 = | 29 | 15 - 6 = | |
| 8 | 18 - 10 = | 30 | 15 - 7 = | |
| 9 | 11 - 2 = | 31 | 15 - 9 = | |
| 10 | 11 - 3 = | 32 | 14 - 4 = | |
| 11 | 11 - 4 = | 33 | 16 - 7 = | |
| 12 | 11 - 7 = | 34 | 16 - 8 = | |
| 13 | 19 - 9 = | 35 | 16 - 9 = | |
| 14 | 12 - 3 = | 36 | 20 - 10 = | |
| 15 | 12 - 4 = | 37 | 17 - 8 = | |
| 16 | 12 - 5 = | 38 | 17 - 9 = | |
| 17 | 12 - 8 = | 39 | 16 - 10 = | |
| 18 | 17 - 7 = | 40 | 18 - 9 = | |
| 19 | 13 - 4 = | 41 | 12 - 9 = | |
| 20 | 13 - 5 = | 42 | 13 - 7 = | |
| 21 | 13 - 6 = | 43 | 11 - 8 = | |
| 22 | 13 - 9 = | 44 | 15 - 8 = | |



Lesson 16: Date:

65

5.C.49

| Α | Subtract. | | | # Correct |
|----|-----------|----|----------|-----------|
| 1 | 10 - 1 = | 23 | 21 - 6 = | |
| 2 | 10 - 2 = | 24 | 91 - 6 = | |
| 3 | 20 - 2 = | 25 | 10 - 7 = | |
| 4 | 40 - 2 = | 26 | 11 - 7 = | |
| 5 | 10 - 2 = | 27 | 31 - 7 = | |
| 6 | 11 - 2 = | 28 | 10 - 8 = | |
| 7 | 21 - 2 = | 29 | 11 - 8 = | |
| 8 | 51 - 2= | 30 | 41 - 8 = | |
| 9 | 10 - 3 = | 31 | 10 - 9 = | |
| 10 | 11 - 3 = | 32 | 11 - 9 = | |
| 11 | 21 - 3 = | 33 | 51 - 9 = | |
| 12 | 61 - 3 = | 34 | 12 - 3 = | |
| 13 | 10 - 4 = | 35 | 82 - 3 = | |
| 14 | 11 - 4 = | 36 | 13 - 5 = | |
| 15 | 21 - 4 = | 37 | 73 - 5 = | |
| 16 | 71 - 4 = | 38 | 14 - 6 = | |
| 17 | 10 - 5 = | 39 | 84 - 6 = | |
| 18 | 11 - 5 = | 40 | 15 - 8 = | |
| 19 | 21 - 5 = | 41 | 95 - 8 = | |
| 20 | 81 - 5 = | 42 | 16 - 7 = | |
| 21 | 10 - 6 = | 43 | 46 - 7 = | |
| 22 | 11 - 6 = | 44 | 68 - 9 = | |

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Lesson 17: Date: Subtract from multiples of 100 and from numbers with zero in the tens place. 10/23/13

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66

5.C.60

| в | Subtract. | Improvement | | # Correct |
|----|-----------|-------------|----------|-----------|
| 1 | 10 - 2 = | 23 | 21 - 6 = | |
| 2 | 20 - 2 = | 24 | 41 - 6 = | |
| 3 | 30 - 2 = | 25 | 10 - 7 = | |
| 4 | 50 - 2 = | 26 | 11 - 7 = | |
| 5 | 10 - 2 = | 27 | 51 - 7 = | |
| 6 | 11 - 2 = | 28 | 10 - 8 = | |
| 7 | 21 - 2 = | 29 | 11 - 8 = | |
| 8 | 61 - 2 = | 30 | 61 - 8 = | |
| 9 | 10 - 3 = | 31 | 10 - 9 = | |
| 10 | 11 - 3 = | 32 | 11 - 9 = | |
| 11 | 21 - 3 = | 33 | 31 - 9 = | |
| 12 | 71 - 3 = | 34 | 12 - 3 = | |
| 13 | 10 - 4 = | 35 | 92 - 3 = | |
| 14 | 11 - 4 = | 36 | 13 - 5 = | |
| 15 | 21 - 4 = | 37 | 43 - 5 = | |
| 16 | 81 - 4 = | 38 | 14 - 6 = | |
| 17 | 10 - 5 = | 39 | 64 - 6 = | |
| 18 | 11 - 5 = | 40 | 15 - 8 = | |
| 19 | 21 - 5 = | 41 | 85 - 8 = | |
| 20 | 91 - 5 = | 42 | 16 - 7 = | |
| 21 | 10 - 6 = | 43 | 76 - 7 = | |
| 22 | 11 - 6 = | 44 | 58 - 9 = | |



| А | Add or subtract. | | # Correct |
|----|------------------|----|------------|
| 1 | 1, 2, | 23 | 99,, 101 |
| 2 | 11, 12, | 24 | 19, 20, |
| 3 | 21, 22, | 25 | 119, 120, |
| 4 | 71, 72, | 26 | 35,, 37 |
| 5 | 3, 4, | 27 | 135,, 137 |
| 6 | 3,, 5 | 28 | , 24, 25 |
| 7 | 13,, 15 | 29 | , 124, 125 |
| 8 | 23,, 25 | 30 | 142, 143, |
| 9 | 83,, 85 | 31 | 138,, 140 |
| 10 | 7, 8, | 32 | , 149, 150 |
| 11 | 7,, 9 | 33 | 148,, 150 |
| 12 | , 8, 9 | 34 | , 149, 150 |
| 13 | , 18, 19 | 35 | , 163, 164 |
| 14 | , 28, 29 | 36 | 187,, 189 |
| 15 | , 58, 59 | 37 | , 170, 171 |
| 16 | 12, 13, | 38 | 178, 179, |
| 17 | 45, 46, | 39 | 192,, 194 |
| 18 | 12,, 14 | 40 | , 190, 191 |
| 19 | 36,, 38 | 41 | 197,, 199 |
| 20 | , 19, 20 | 42 | 168, 169, |
| 21 | , 89, 90 | 43 | 199,, 201 |
| 22 | 98, 99, | 44 | , 160, 161 |

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Lesson 1: Date: Connect measurement with physical units by using multiple copies of the same physical unit to measure. 6/26/13

| в | Add or subtract. | Improvemer | nt # | Correct |
|----|------------------|------------|------------|---------|
| 1 | 0, 1, | 23 | 99,, 101 | |
| 2 | 10, 11, | 24 | 29, 30, | |
| 3 | 20, 21, | 25 | 129, 130, | |
| 4 | 70, 71, | 26 | 34,, 36 | |
| 5 | 2, 3, | 27 | 134,, 136 | |
| 6 | 2,, 4 | 28 | , 23, 24 | |
| 7 | 12,, 14 | 29 | , 123, 124 | |
| 8 | 22,, 24 | 30 | 141, 142, | |
| 9 | 82,, 84 | 31 | 128,, 130 | |
| 10 | 6, 7, | 32 | , 149, 150 | |
| 11 | 6,, 8 | 33 | 148,, 150 | |
| 12 | , 7, 8 | 34 | , 149, 150 | |
| 13 | , 17, 18 | 35 | , 173, 174 | |
| 14 | , 27, 28 | 36 | 167,, 169 | |
| 15 | , 57, 58 | 37 | , 160, 161 | |
| 16 | 11, 12, | 38 | 188, 189, | |
| 17 | 44, 45, | 39 | 193,, 195 | |
| 18 | 11,, 13 | 40 | , 170, 171 | |
| 19 | 35,, 37 | 41 | 196,, 198 | |
| 20 | , 19, 20 | 42 | 178, 179, | |
| 21 | , 79, 80 | 43 | 199,, 201 | |
| 22 | 98, 99, | 44 | , 180, 181 | |

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Lesson 1: Date: Connect measurement with physical units by using multiple copies of the same physical unit to measure. 6/26/13

69

2.A.8

| А | Fill-in the missing number. | | | # Correc | t |
|----|-----------------------------|------|----|----------|------|
| 1 | 0 + | = 10 | 23 | 13 + = | : 20 |
| 2 | 9+ | = 10 | 24 | 23 + = | : 30 |
| 3 | 8 + | = 10 | 25 | 27 + = | 30 |
| 4 | 7 + | = 10 | 26 | 5+ = | : 10 |
| 5 | 6 + | = 10 | 27 | 25 + = | : 30 |
| 6 | 5+ | = 10 | 28 | 2 + = | 10 |
| 7 | 1+ | = 10 | 29 | 22 + = | 30 |
| 8 | 2 + | = 10 | 30 | 32 + = | 30 |
| 9 | 3 + | = 10 | 31 | 1+ = | : 10 |
| 10 | 4 + | = 10 | 32 | 11 + = | 20 |
| 11 | 10 + | = 10 | 33 | 21 + = | 30 |
| 12 | 9+ | = 10 | 34 | 31 + = | 40 |
| 13 | 19 + | = 20 | 35 | 38 + = | : 40 |
| 14 | 5+ | = 10 | 36 | 36 + = | : 40 |
| 15 | 15 + | = 20 | 37 | 39 + = | : 40 |
| 16 | 8 + | = 10 | 38 | 35 + = | : 40 |
| 17 | 18 + | = 20 | 39 | +6 = | : 30 |
| 18 | 6+ | = 10 | 40 | + 8 = | : 20 |
| 19 | 16 + | = 20 | 41 | +7 = | : 40 |
| 20 | 7 + | = 10 | 42 | + 6 = | : 20 |
| 21 | 17 + | = 20 | 43 | + 4 = | : 30 |
| 22 | 3 + | = 10 | 44 | + 8 = | : 40 |



6/26/13

| в | Fill-in the missing number. | In | nprov | ement | t | # Corre | ect _ | |
|----|-----------------------------|----|-------|-------|------|---------|-------|----|
| 1 | 10 + | = | 10 | 23 | 14 + | | = | 20 |
| 2 | 9+ | = | 10 | 24 | 24 + | | = | 30 |
| 3 | 8 + | = | 10 | 25 | 26 + | | = | 30 |
| 4 | 7 + | = | 10 | 26 | 9 + | | = | 10 |
| 5 | 6+ | = | 10 | 27 | 29 + | | = | 30 |
| 6 | 5+ | = | 10 | 28 | 3 + | | = | 10 |
| 7 | 1+ | = | 10 | 29 | 23 + | | = | 30 |
| 8 | 2 + | = | 10 | 30 | 33 + | | = | 30 |
| 9 | 3+ | = | 10 | 31 | 2 + | | = | 10 |
| 10 | 4 + | = | 10 | 32 | 12 + | | = | 20 |
| 11 | 0 + | = | 10 | 33 | 22 + | | = | 30 |
| 12 | 5+ | = | 10 | 34 | 32 + | | = | 40 |
| 13 | 15 + | = | 20 | 35 | 37 + | | = | 40 |
| 14 | 9+ | = | 10 | 36 | 34 + | | = | 40 |
| 15 | 19 + | = | 20 | 37 | 35 + | | = | 40 |
| 16 | 8 + | = | 10 | 38 | 39 + | | = | 40 |
| 17 | 18 + | = | 20 | 39 | | + 4 | = | 30 |
| 18 | 7 + | = | 10 | 40 | | + 9 | = | 20 |
| 19 | 17 + | = | 20 | 41 | | + 4 | = | 40 |
| 20 | 6+ | = | 10 | 42 | | + 7 | = | 20 |
| 21 | 16 + | = | 20 | 43 | | + 3 | = | 30 |
| 22 | 4 + | = | 10 | 44 | | + 9 | = | 40 |



Lesson 3: Date: Apply concepts to create unit rulers, measure lengths using unit rulers.

6/26/13

| Α | Add or subtract. | | # Correct |
|----|------------------|----|-----------|
| 1 | 8 + 3 = | 23 | 15 - 6 = |
| 2 | 3 + 8 = | 24 | 15 - 9 = |
| 3 | 11 - 3 = | 25 | 8 + 7 = |
| 4 | 11 - 8 = | 26 | 7 + 8 = |
| 5 | 7 + 4 = | 27 | 15 - 7 = |
| 6 | 4 + 7 = | 28 | 15 - 8 = |
| 7 | 11 - 4 = | 29 | 9 + 4 = |
| 8 | 11 - 7 = | 30 | 4 + 9 = |
| 9 | 9 + 3 = | 31 | 13 - 4 = |
| 10 | 3 + 9 = | 32 | 13 - 9 = |
| 11 | 12 - 3 = | 33 | 8 + 6 = |
| 12 | 12 - 9 = | 34 | 6 + 8 = |
| 13 | 8 + 5 = | 35 | 14 - 6 = |
| 14 | 5 + 8 = | 36 | 14 - 8 = |
| 15 | 13 - 5 = | 37 | 7 + 6 = |
| 16 | 13 - 8 = | 38 | 6 + 7 = |
| 17 | 7 + 5 = | 39 | 13 - 6 = |
| 18 | 5 + 7 = | 40 | 13 - 7 = |
| 19 | 12 - 5 = | 41 | 9 + 7 = |
| 20 | 12 - 7 = | 42 | 7 + 9 = |
| 21 | 9 + 6 = | 43 | 16 - 7 = |
| 22 | 6 + 9 = | 44 | 16 - 9 = |



Lesson 4: Date: Measure various objects using centimeter rulers and meter sticks.

6/26/13

2.B.6

| в | Add or subtract. | Improvemen | t ; | # Correct |
|----|------------------|-----------------|----------|-----------|
| 1 | 9 + 2 = | 23 | 15 - 7 = | |
| 2 | 2 + 9 = | 24 | 15 - 8 = | |
| 3 | 11 - 2 = | 25 | 9 + 6 = | |
| 4 | 11 - 9 = | 26 | 6 + 9 = | |
| 5 | 6 + 5 = | 27 | 15 - 6 = | |
| 6 | 5 + 6 = | 28 | 15 - 9 = | |
| 7 | 11 - 5 = | 29 | 7 + 5 = | |
| 8 | 11 - 6 = | 30 | 5 + 7 = | |
| 9 | 8 + 4 = | 31 | 12 - 5 = | |
| 10 | 4 + 8 = | 32 | 12 - 7 = | |
| 11 | 12 - 4 = | 33 | 9 + 5 = | |
| 12 | 12 - 8 = | 34 | 5 + 9 = | |
| 13 | 7 + 6 = | 35 | 14 - 5 = | |
| 14 | 6 + 7 = | 36 | 14 - 9 = | |
| 15 | 13 - 6 = | 37 | 8 + 6 = | |
| 16 | 13 - 7 = | 38 | 6 + 8 = | |
| 17 | 9 + 3 = | 39 | 14 - 6 = | |
| 18 | 3 + 9 = | 40 | 14 - 8 = | |
| 19 | 12 - 3 = | 41 | 9 + 8 = | |
| 20 | 12 - 9 = | 42 | 8 + 9 = | |
| 21 | 8 + 7 = | 43 | 17 - 8 = | |
| 22 | 7 + 8 = | © Rill Davidson | 17 - 9 = | |



| Α | Circle the lo | nger length. | | | # Correct |
|----|---------------|--------------|----|--------|-----------|
| 1 | 1 cm | 0 cm | 23 | 110 cm | 101 cm |
| 2 | 11 cm | 10 cm | 24 | 110 cm | 1 m |
| 3 | 11 cm | 12 cm | 25 | 1 m | 111 cm |
| 4 | 22 cm | 12 cm | 26 | 101 cm | 1 m |
| 5 | 29 cm | 30 cm | 27 | 111 cm | 101 cm |
| 6 | 31 cm | 13 cm | 28 | 112 cm | 102 cm |
| 7 | 43 cm | 33 cm | 29 | 110 cm | 115 cm |
| 8 | 33 cm | 23 cm | 30 | 115 cm | 105 cm |
| 9 | 35 cm | 53 cm | 31 | 106 cm | 116 cm |
| 10 | 50 cm | 35 cm | 32 | 108 cm | 98 cm |
| 11 | 55 cm | 45 cm | 33 | 119 cm | 99 cm |
| 12 | 50 cm | 55 cm | 34 | 131 cm | 133 cm |
| 13 | 65 cm | 56 cm | 35 | 133 cm | 113 cm |
| 14 | 66 cm | 56 cm | 36 | 142 cm | 124 cm |
| 15 | 66 cm | 86 cm | 37 | 144 cm | 114 cm |
| 16 | 86 cm | 68 m | 38 | 154 cm | 145 cm |
| 17 | 68 cm | 88 cm | 39 | 155 cm | 152 cm |
| 18 | 89 cm | 98 cm | 40 | 198 cm | 199 cm |
| 19 | 99 cm | 98 m | 41 | 215 cm | 225 cm |
| 20 | 99 cm | 1 m | 42 | 252 cm | 255 cm |
| 21 | 1 m | 101 cm | 43 | 2 m | 295 cm |
| 22 | 1 m | 90 cm | 44 | 3 m | 295 cm |





Lesson 6: Date:

Measure and compare lengths using centimeters and meters.

| В | Circle the longer | | Improvement | | # Correct |
|----|-------------------|--------|-------------|--------|-----------|
| 1 | 0 cm | 1 cm | 23 | 111 cm | 101 cm |
| 2 | 10 cm | 12 cm | 24 | 101 cm | 110 cm |
| 3 | 12 cm | 11 cm | 25 | 1 m | 110 cm |
| 4 | 32 cm | 13 cm | 26 | 111 cm | 1 m |
| 5 | 39 cm | 40 cm | 27 | 113 cm | 117 cm |
| 6 | 41 cm | 14 cm | 28 | 112 cm | 111 cm |
| 7 | 44 cm | 40 cm | 29 | 115 cm | 105 cm |
| 8 | 44 cm | 54 cm | 30 | 106 cm | 116 cm |
| 9 | 55 cm | 65 cm | 31 | 107 cm | 117 cm |
| 10 | 60 cm | 59 cm | 32 | 118 cm | 108 cm |
| 11 | 65 cm | 45 cm | 33 | 119 cm | 120 cm |
| 12 | 70 cm | 65 cm | 34 | 132 cm | 123 cm |
| 13 | 75 cm | 57 cm | 35 | 133 cm | 132 cm |
| 14 | 77 cm | 76 cm | 36 | 143 cm | 134 cm |
| 15 | 87 cm | 78 cm | 37 | 144 cm | 114 cm |
| 16 | 79 cm | 97 m | 38 | 154 cm | 145 cm |
| 17 | 79 cm | 88 cm | 39 | 155 cm | 152 cm |
| 18 | 98 cm | 97 cm | 40 | 195 cm | 199 cm |
| 19 | 99 cm | 1 m | 41 | 225 cm | 152 cm |
| 20 | 99 cm | 100 cm | 42 | 252 cm | 255 cm |
| 21 | 101 cm | 100 cm | 43 | 2 m | 295 cm |
| 22 | 1 m | 101 cm | 44 | 3 m | 295 cm |



Lesson 6: Date: Measure and compare lengths using centimeters and meters.

| A | Subtract. | | | # Correct |
|----|-----------|---------------|----------|-----------|
| 1 | 3 - 1 = | 23 | 8 - 7 = | |
| 2 | 13 - 1 = | 24 | 18 - 7 = | |
| 3 | 23 - 1 = | 25 | 58 - 7 = | |
| 4 | 53 - 1 = | 26 | 62 - 2 = | |
| 5 | 4 - 2 = | 27 | 9 - 8 = | |
| 6 | 14 - 2 = | 28 | 19 - 8 = | |
| 7 | 24 - 2 = | 29 | 29 - 8 = | |
| 8 | 64 - 2 = | 30 | 69 - 8 = | |
| 9 | 4 - 3 = | 31 | 7 - 3 = | |
| 10 | 14 - 3 = | 32 | 17 - 3 = | |
| 11 | 24 - 3 = | 33 | 77 - 3 = | |
| 12 | 74 - 3 = | 34 | 59 - 9 = | |
| 13 | 6 - 4 = | 35 | 9 - 7 = | |
| 14 | 16 - 4 = | 36 | 19 - 7 = | |
| 15 | 26 - 4 = | 37 | 89 - 7 = | |
| 16 | 96 - 4 = | 38 | 99 - 5 = | |
| 17 | 7 - 5 = | 39 | 78 - 6 = | |
| 18 | 17 - 5 = | 40 | 58 - 5 = | |
| 19 | 27 - 5 = | 41 | 39 - 7 = | |
| 20 | 47 - 5 = | 42 | 28 - 6 = | |
| 21 | 43 - 3 = | 43 | 49 - 4 = | |
| 22 | 87 - 7 = | 44 | 67 - 4 = | |
| | | © Bill Davids | | |



Lesson 7: Date: Measure and compare lengths using standard metric length units and non-standard lengths units; relate measurement to unit size. 6/26/13

| В | Subtract. | Improvement | t | # Correct |
|----|-----------|-------------|----------|-----------|
| 1 | 2 - 1 = | 23 | 8 - 7 = | |
| 2 | 12 - 1 = | 24 | 18 - 7 = | |
| 3 | 22 - 1 = | 25 | 68 - 7 = | |
| 4 | 52 - 1 = | 26 | 32 - 2 = | |
| 5 | 5-2= | 27 | 9 - 8 = | |
| 6 | 15 - 2 = | 28 | 19 - 8 = | |
| 7 | 25 - 2 = | 29 | 29 - 8 = | |
| 8 | 65 - 2 = | 30 | 79 - 8 = | |
| 9 | 4 - 3 = | 31 | 8 - 4 = | |
| 10 | 14 - 3 = | 32 | 18 - 4 = | |
| 11 | 24 - 3 = | 33 | 78 - 4 = | |
| 12 | 84 - 3 = | 34 | 89 - 9 = | |
| 13 | 7 - 4 = | 35 | 9 - 7 = | |
| 14 | 17 - 4 = | 36 | 19 - 7 = | |
| 15 | 27 - 4 = | 37 | 79 - 7 = | |
| 16 | 97 - 4 = | 38 | 89 - 5 = | |
| 17 | 6 - 5 = | 39 | 68 - 6 = | |
| 18 | 16 - 5 = | 40 | 48 - 5 = | |
| 19 | 26 - 5 = | 41 | 29 - 7 = | |
| 20 | 46 - 5 = | 42 | 38 - 6 = | |
| 21 | 23 - 3 = | 43 | 59 - 4 = | |
| 22 | 67 - 7 = | 44 | 77 - 4 = | |



Lesson 7: Date: Measure and compare lengths using standard metric length units and non-standard lengths units; relate measurement to unit size. 6/26/13

| # | Correct | |
|---|---------|--|
| | | |

| A | Find the missing leng | th to make 1 me | ter. | # conect |
|----|-----------------------|-----------------|------|---------------|
| 1 | 10 cm + | | 23 | + 62 cm = 1 m |
| 2 | 30 cm + | = 100 cm | 24 | + 72 cm = 1 m |
| 3 | 50 cm + | = 100 cm | 25 | + 92 cm = 1 m |
| 4 | 70 cm + | = 100 cm | 26 | + 29 cm = 1 m |
| 5 | 90 cm + | = 100 cm | 27 | + 39 cm = 1 m |
| 6 | 80 cm + | = 100 cm | 28 | + 59 cm = 1 m |
| 7 | 60 cm + | = 100 cm | 29 | + 89 cm = 1 m |
| 8 | 40 cm + | = 100 cm | 30 | + 88 cm = 1 m |
| 9 | 20 cm + | = 100 cm | 31 | + 68 cm = 1 m |
| 10 | 21 cm + | = 100 cm | 32 | + 18 cm = 1 m |
| 11 | 23 cm + | = 100 cm | 33 | + 15 cm = 1 m |
| 12 | 25 cm + | = 100 cm | 34 | + 55 cm = 1 m |
| 13 | 27 cm + | = 100 cm | 35 | 44 cm + = 1m |
| 14 | 37 cm + | = 100 cm | 36 | 55 cm + = 1 m |
| 15 | 38 cm + | = 100 cm | 37 | 88 cm + = 1 m |
| 16 | 39 cm + | = 100 cm | 38 | 1 m = + 33 cm |
| 17 | 49 cm + | = 100 cm | 39 | 1 m = + 66 cm |
| 18 | 50 cm + | = 100 cm | 40 | 1 m = + 99 cm |
| 19 | 52 cm + | = 100 cm | 41 | 1 m - 11 cm = |
| 20 | 56 cm + | = 100 cm | 42 | 1 m - 15 cm = |
| 21 | 58 cm + | = 100 cm | 43 | 1 m - 17 cm = |
| 22 | 62 cm + | = 100 cm | 44 | 1 m - 19 cm = |



Lesson 8: Date:

6/26/13

| В | Find the missing length to make 1 meter. | | | | | |
|----|--|------------|----|---------------|--|--|
| 1 | 1 cm + | _ = 100 cm | 23 | + 72 cm = 1 m | | |
| 2 | 10 cm + | = 100 cm | 24 | + 82 cm = 1 m | | |
| 3 | 20 cm + | = 100 cm | 25 | + 28 cm = 1 m | | |
| 4 | 40 cm + | = 100 cm | 26 | + 38 cm = 1 m | | |
| 5 | 60 cm + | = 100 cm | 27 | + 48 cm = 1 m | | |
| 6 | 80 cm + | = 100 cm | 28 | + 45 cm = 1 m | | |
| 7 | 90 cm + | = 100 cm | 29 | + 43 cm = 1 m | | |
| 8 | 70 cm + | = 100 cm | 30 | + 34 cm = 1 m | | |
| 9 | 50 cm + | = 100 cm | 31 | + 24 cm = 1 m | | |
| 10 | 30 cm + | = 100 cm | 32 | + 14 cm = 1 m | | |
| 11 | 31 cm + | = 100 cm | 33 | + 12 cm = 1 m | | |
| 12 | 33 cm + | = 100 cm | 34 | + 10 cm = 1 m | | |
| 13 | 35 cm + | = 100 cm | 35 | 11 cm + = 1m | | |
| 14 | 37 cm + | = 100 cm | 36 | 33 cm + = 1 m | | |
| 15 | 39 cm + | = 100 cm | 37 | 55 cm + = 1 m | | |
| 16 | 49 cm + | = 100 cm | 38 | 1 m = + 22 cm | | |
| 17 | 59 cm + | = 100 cm | 39 | 1 m = + 88 cm | | |
| 18 | 60 cm + | = 100 cm | 40 | 1 m = + 99 cm | | |
| 19 | 62 cm + | = 100 cm | 41 | 1 m - 1 cm = | | |
| 20 | 66 cm + | = 100 cm | 42 | 1 m - 5 cm = | | |
| 21 | 68 cm + | = 100 cm | 43 | 1 m - 7 cm = | | |
| 22 | 72 cm + | = 100 cm | 44 | 1 m - 17 cm = | | |



Lesson 8: Date:

| Α | Subtract. | | | | # Correct |
|----|-----------|-----------|----|-----------|-----------|
| 1 | 53 - 2 = | | 23 | 84 - 40 = | |
| 2 | 65 - 3 = | | 24 | 80 - 50 = | |
| 3 | 77 - 4 = | | 25 | 86 - 50 = | |
| 4 | 89 - 5 = | | 26 | 70 - 60 = | |
| 5 | 99 - 6 = | 4 | 27 | 77 - 60 = | |
| 6 | 28 - 7 = | 2 | 28 | 80 - 70 = | |
| 7 | 39 - 8 = | 4 | 29 | 88 - 70 = | |
| 8 | 31 - 2 = | 9 - 9 | 30 | 48 - 4 = | |
| 9 | 41 - 3 = | | 31 | 80 - 40 = | |
| 10 | 51 - 4 = | | 32 | 81 - 40 = | |
| 11 | 61 - 5 = | | 33 | 46 - 3 = | |
| 12 | 30 - 9 = | | 34 | 60 - 30 = | |
| 13 | 40 - 8 = | | 35 | 68 - 30 = | |
| 14 | 50 - 7 = | | 36 | 67 - 4 = | |
| 15 | 60 - 6 = | - | 37 | 67 - 40 = | |
| 16 | 40 - 30 = | | 38 | 89 - 6 = | |
| 17 | 41 - 30 = | | 39 | 89 - 60 = | |
| 18 | 40 - 20 = | 2 | 40 | 76 - 2 = | |
| 19 | 42 - 20 = | 2 | 41 | 76 - 20 = | |
| 20 | 80 - 50 = | 4 | 42 | 54 - 6 = | |
| 21 | 85 - 50 = | 4 | 43 | 65 - 8 = | |
| 22 | 80 - 40 = | 4 | 44 | 87 - 9 = | |



Apply conceptual understanding of measurement by solving two-step word problems.

6/26/13

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| В | Question et | Improvement | : = | # Correct |
|----|-----------------------|-------------|-----------|-----------|
| 1 | Subtract. 43 - 2 = | 23 | 94 - 50 - | |
| 2 | 55 - 3 = | 23 | 90 - 60 - | |
| 3 | 67 - 4 = | 25 | 96 - 60 = | |
| 4 | 79-5= | 26 | 80 - 70 = | |
| 5 | 89 - 6 = | 20 | 87 - 70 = | |
| 6 | 98 - 7 = | 28 | 90 - 80 = | |
| 7 | 29 - 8 = | 29 | 98 - 80 = | |
| 8 | 21-2= | 30 | 39 - 4 = | |
| 9 | 31-3= | 31 | 90 - 40 = | |
| 10 | 41-4= | 32 | 91 - 40 = | |
| 11 | 51 - 5 = | 33 | 47 - 3 = | |
| 12 | 20 - 9 = | 34 | 70 - 30 = | |
| 13 | 30 - 8 = | 35 | 78 - 30 = | |
| 14 | 40 - 7 = | 36 | 68 - 4 = | |
| 15 | 50 - 6 = | 37 | 68 - 40 = | |
| 16 | 30 - 20 = | 38 | 89 - 7 = | |
| 17 | 31 - 20 = | 39 | 89 - 70 = | |
| 18 | 50 - 30 = | 40 | 56 - 2 = | |
| 19 | 52 - 30 = | 41 | 56 - 20 = | |
| 20 | 70 - 40 = | 42 | 34 - 6 = | |
| 21 | 75 - 40 = | 43 | 45 - 8 = | |
| 22 | 90 - 50 = | 44 | 57 - 9 = | |

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Lesson 10: Date: Apply conceptual understanding of measurement by solving twostep word problems.

Addition and Subtraction by 5

A

Number Correct: _____

| | | • |
|-----|----------|---|
| 1. | 0 + 5 = | |
| 2. | 5 + 5 = | |
| 3. | 10 + 5 = | |
| 4. | 15 + 5 = | |
| 5. | 20 + 5 = | |
| 6. | 25 + 5 = | |
| 7. | 30 + 5 = | |
| 8. | 35 + 5 = | |
| 9. | 40 + 5 = | |
| 10. | 45 + 5 = | |
| 11. | 50 - 5 = | |
| 12. | 45 - 5 = | |
| 13. | 40 - 5 = | |
| 14. | 35 - 5 = | |
| 15. | 30 - 5 = | |
| 16. | 25 - 5 = | |
| 17. | 20 - 5 = | |
| 18. | 15 - 5 = | |
| 19. | 10 - 5 = | |
| 20. | 5 - 5 = | |
| 21. | 5 + 0 = | |
| 22. | 5 + 5 = | |
| | | |

| 23. | 10 + 5 = | |
|-----|------------|--|
| 24. | 15 + 5 = | |
| 25. | 20 + 5 = | |
| 26. | 25 + 5 = | |
| 27. | 30 + 5 = | |
| 28. | 35 + 5 = | |
| 29. | 40 + 5 = | |
| 30. | 45 + 5 = | |
| 31. | 0 + 50 = | |
| 32. | 50 + 50 = | |
| 33. | 50 + 5 = | |
| 34. | 55 + 5 = | |
| 35. | 60 - 5 = | |
| 36. | 55 - 5 = | |
| 37. | 60 + 5 = | |
| 38. | 65 + 5 = | |
| 39. | 70 - 5 = | |
| 40. | 65 - 5 = | |
| 41. | 100 + 50 = | |
| 42. | 150 + 50 = | |
| 43. | 200 - 50 = | |
| 44. | 150 - 50 = | |
| | | |



Lesson 3:

Draw and label a bar graph to represent data; relate the count scale to the number line.

Number Correct: _____

Improvement: _____

B

Addition and Subtraction by 5

| 1. | 5 + 0 = | |
|-----|----------|--|
| 2. | 5 + 5 = | |
| 3. | 5 + 10 = | |
| 4. | 5 + 15 = | |
| 5. | 5 + 20 = | |
| 6. | 5 + 25 = | |
| 7. | 5 + 30 = | |
| 8. | 5 + 35 = | |
| 9. | 5 + 40 = | |
| 10. | 5 + 45 = | |
| 11. | 50 - 5 = | |
| 12. | 45 - 5 = | |
| 13. | 40 - 5 = | |
| 14. | 35 - 5 = | |
| 15. | 30 - 5 = | |
| 16. | 25 - 5 = | |
| 17. | 20 - 5 = | |
| 18. | 15 - 5 = | |
| 19. | 10 - 5 = | |
| 20. | 5 - 5 = | |
| 21. | 0 + 5 = | |
| 22. | 5 + 5 = | |

| 23. | 10 + 5 = | |
|-----|------------|--|
| 24. | 15 + 5 = | |
| 25. | 20 + 5 = | |
| 26. | 25 + 5 = | |
| 27. | 30 + 5 = | |
| 28. | 35 + 5 = | |
| 29. | 40 + 5 = | |
| 30. | 45 + 5 = | |
| 31. | 50 + 0 = | |
| 32. | 50 + 50 = | |
| 33. | 5 + 50 = | |
| 34. | 5 + 55 = | |
| 35. | 60 - 5 = | |
| 36. | 55 - 5 = | |
| 37. | 5 + 60 = | |
| 38. | 5 + 65 = | |
| 39. | 70 - 5 = | |
| 40. | 65 - 5 = | |
| 41. | 50 + 100 = | |
| 42. | 50 + 150 = | |
| 43. | 200 - 50 = | |
| 44. | 150 - 50 = | |
| | | |



Lesson 3:

Draw and label a bar graph to represent data; relate the count scale to the number line.

Number Correct: _____

Α

Skip-counting by 5

| 1. | 0, 5, | |
|-----|---------|--|
| 2. | 5, 10, | |
| 3. | 10, 15, | |
| 4. | 15, 20, | |
| 5. | 20, 25, | |
| 6. | 25, 30, | |
| 7. | 30, 35, | |
| 8. | 35, 40, | |
| 9. | 40, 45, | |
| 10. | 50, 45, | |
| 11. | 45, 40, | |
| 12. | 40, 35, | |
| 13. | 35, 30, | |
| 14. | 30, 25, | |
| 15. | 25, 20, | |
| 16. | 20, 15, | |
| 17. | 15, 10, | |
| 18. | 0,, 10 | |
| 19. | 25,, 35 | |
| 20. | 5,, 15 | |
| 21. | 30,, 40 | |
| 22. | 10,, 20 | |

| 35,, 45 | |
|----------|---|
| 15,, 25 | |
| 40,, 50 | |
| 25,, 15 | |
| 50,, 40 | |
| 20,, 10 | |
| 45,, 35 | |
| 15,, 5 | |
| 40,, 30 | |
| 10,, 0 | |
| 35,, 25 | |
| , 10, 5 | |
| , 35, 30 | |
| , 15, 10 | |
| , 40, 35 | |
| , 20, 15 | |
| , 45, 40 | |
| 50, 55, | |
| 45, 50, | |
| 65,, 55 | |
| 55, 60, | |
| 60, 65, | |
| | 15,, 25 40,, 50 25,, 15 50,, 40 20,, 10 45,, 35 15,, 5 40,, 30 10,, 0 35,, 25 , 10, 5 , 10, 5 , 35, 30 , 35, 30 , 35, 30 , 35, 30 , 15, 10 , 40, 35 , 20, 15 , 45, 40 50, 55, 45, 50, 55, 60, |



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B

Number Correct: _____

Improvement: _____

| Skip-counting by 5 | | |
|--------------------|---------|--|
| 1. | 5, 10, | |
| 2. | 10, 15, | |
| 3. | 15, 20, | |
| 4. | 20, 25, | |
| 5. | 25, 30, | |
| 6. | 30, 35, | |
| 7. | 35, 40, | |
| 8. | 40, 45, | |
| 9. | 50, 45, | |
| 10. | 45, 40, | |
| 11. | 40, 35, | |
| 12. | 35, 30, | |
| 13. | 30, 25, | |
| 14. | 25, 20, | |
| 15. | 20, 15, | |
| 16. | 15, 10, | |
| 17. | 0,, 10 | |
| 18. | 25,, 35 | |
| 19. | 5,, 15 | |
| 20. | 30,, 40 | |
| 21. | 10,, 20 | |
| 22. | 35,, 45 | |

| 15,, 25 | |
|----------|--|
| 35,, 45 | |
| 30,, 20 | |
| 25,, 15 | |
| 50,, 40 | |
| 20,, 10 | |
| 45,, 35 | |
| 15,, 5 | |
| 35,, 25 | |
| 10,, 0 | |
| 35,, 25 | |
| , 15, 10 | |
| , 40, 35 | |
| , 20, 15 | |
| , 45, 40 | |
| , 10, 5 | |
| , 35, 30 | |
| 45, 50, | |
| 50, 55, | |
| 55, 60, | |
| 65,, 55 | |
| , 60, 55 | |
| | 35,, 45 30,, 20 25,, 15 50,, 40 20,, 10 45,, 35 15,, 25 10,, 0 35,, 25 10,, 0 35,, 25 10,, 0 35,, 25 , 15, 10 , 40, 35 , 20, 15 , 45, 40 , 10, 5 , 35, 30 45, 50, 50, 55, 55, 60, |



Subtraction Across a Ten

Α

Number Correct: _____

| Submu | | |
|-------|----------|--|
| 1. | 10 - 3 = | |
| 2. | 11 - 3 = | |
| 3. | 12 - 3 = | |
| 4. | 10 - 2 = | |
| 5. | 11 - 2 = | |
| 6. | 10 - 5 = | |
| 7. | 11 - 5 = | |
| 8. | 12 - 5 = | |
| 9. | 14 - 5 = | |
| 10. | 10 - 4 = | |
| 11. | 11 - 4 = | |
| 12. | 12 - 4 = | |
| 13. | 13 - 4 = | |
| 14. | 10 - 7 = | |
| 15. | 11 - 7 = | |
| 16. | 12 - 7 = | |
| 17. | 15 - 7 = | |
| 18. | 10 - 6 = | |
| 19. | 11 - 6 = | |
| 20. | 12 - 6 = | |
| 21. | 14 - 6 = | |
| 22. | 10 - 9 = | |
| | | |

| 23. | 11 - 9 = | |
|-----|----------|--|
| 24. | 12 - 9 = | |
| 25. | 17 - 9 = | |
| 26. | 10 - 8 = | |
| 27. | 11 - 8 = | |
| 28. | 12 - 8 = | |
| 29. | 16 - 8 = | |
| 30. | 10 - 6 = | |
| 31. | 13 - 6 = | |
| 32. | 15 - 6 = | |
| 33. | 10 - 7 = | |
| 34. | 13 - 7 = | |
| 35. | 14 - 7 = | |
| 36. | 16 - 7 = | |
| 37. | 10 - 8 = | |
| 38. | 13 - 8 = | |
| 39. | 14 - 8 = | |
| 40. | 17 - 8 = | |
| 41. | 10 - 9 = | |
| 42. | 13 - 9 = | |
| 43. | 14 - 9 = | |
| 44. | 18 - 9 = | |
| | | |



Lesson 7: Solve word problems involving the total value of a group of coins.

B

Number Correct:

Improvement: _____

| Subtra | Subtraction Across a Ten | | |
|--------|--------------------------|--|--|
| 1. | 10 - 2 = | | |
| 2. | 11 - 2 = | | |
| 3. | 10 - 4 = | | |
| 4. | 11 - 4 = | | |
| 5. | 12 - 4 = | | |
| 6. | 13 - 4 = | | |
| 7. | 10 - 3 = | | |
| 8. | 11 - 3 = | | |
| 9. | 12 - 3 = | | |
| 10. | 10 - 6 = | | |
| 11. | 11 - 6 = | | |
| 12. | 12 - 6 = | | |
| 13. | 15 - 6 = | | |
| 14. | 10 - 5 = | | |
| 15. | 11 - 5 = | | |
| 16. | 12 - 5 = | | |
| 17. | 14 - 5 = | | |
| 18. | 10 - 8 = | | |
| 19. | 11 - 8 = | | |
| 20. | 12 - 8 = | | |
| 21. | 17 - 8 = | | |
| 22. | 10 - 7 = | | |

| 23. | 11 - 7 = | |
|-----|----------|--|
| 24. | 12 - 7 = | |
| 25. | 16 - 7 = | |
| 26. | 10 - 9 = | |
| 27. | 11 - 9 = | |
| 28. | 12 - 9 = | |
| 29. | 18 - 9 = | |
| 30. | 10 - 5 = | |
| 31. | 13 - 5 = | |
| 32. | 10 - 6 = | |
| 33. | 13 - 6 = | |
| 34. | 14 - 6 = | |
| 35. | 10 - 7 = | |
| 36. | 13 - 7 = | |
| 37. | 15 - 7 = | |
| 38. | 10 - 8 = | |
| 39. | 13 - 8 = | |
| 40. | 14 - 8 = | |
| 41. | 16 - 8 = | |
| 42. | 10 - 9 = | |
| 43. | 16 - 9 = | |
| 44. | 17 - 9 = | |
| | | |



Lesson 7: Solve word problems involving the total value of a group of coins.

Adding Across a Ten

A

Number Correct:

| 1. | 9 + 2 = | |
|-----|----------|--|
| 2. | 9 + 3 = | |
| 3. | 9 + 4 = | |
| 4. | 9 + 7 = | |
| 5. | 7 + 9 = | |
| 6. | 10 + 1 = | |
| 7. | 10 + 2 = | |
| 8. | 10 + 3 = | |
| 9. | 10 + 8 = | |
| 10. | 8 + 10 = | |
| 11. | 8 + 3 = | |
| 12. | 8 + 4 = | |
| 13. | 8 + 5 = | |
| 14. | 8 + 9 = | |
| 15. | 9 + 8 = | |
| 16. | 7 + 4 = | |
| 17. | 10 + 5 = | |
| 18. | 6 + 5 = | |
| 19. | 7 + 5 = | |
| 20. | 9 + 5 = | |
| 21. | 5 + 9 = | |
| 22. | 10 + 6 = | |

| 23. | 4 + 7 = | |
|-----|----------|--|
| 24. | 4 + 8 = | |
| 25. | 5 + 6 = | |
| 26. | 5 + 7 = | |
| 27. | 3 + 8 = | |
| 28. | 3 + 9 = | |
| 29. | 2 + 9 = | |
| 30. | 5 + 10 = | |
| 31. | 5 + 8 = | |
| 32. | 9 + 6 = | |
| 33. | 6 + 9 = | |
| 34. | 7 + 6 = | |
| 35. | 6 + 7 = | |
| 36. | 8 + 6 = | |
| 37. | 6 + 8 = | |
| 38. | 8 + 7 = | |
| 39. | 7 + 8 = | |
| 40. | 6 + 6 = | |
| 41. | 7 + 7 = | |
| 42. | 8 + 8 = | |
| 43. | 9 + 9 = | |
| 44. | 4 + 9 = | |
| | | |



Lesson 8: Solve word problems involving the total value of a group of bills.

Number Correct: _____

Improvement: _____

B

| 1. | 10 + 1 = | 2 |
|-----|----------|-----|
| 2. | 10 + 2 = | 2 |
| 3. | 10 + 3 = | 2 |
| 4. | 10 + 9 = | 2 |
| 5. | 9 + 10 = | 2 |
| 6. | 9 + 2 = | 2 |
| 7. | 9 + 3 = | 2 |
| 8. | 9 + 4 = | (*) |
| 9. | 9 + 8 = | (*) |
| 10. | 8 + 9 = | (7) |
| 11. | 8 + 3 = | (*) |
| 12. | 8 + 4 = | 3 |
| 13. | 8 + 5 = | (7) |
| 14. | 8 + 7 = | (*) |
| 15. | 7 + 8 = | (*) |
| 16. | 7 + 4 = | (7) |
| 17. | 10 + 4 = | (*) |
| 18. | 6 + 5 = | 4 |
| 19. | 7 + 5 = | 4 |
| 20. | 9 + 5 = | 4 |
| 21. | 5 + 9 = | 4 |
| 22. | 10 + 8 = | 4 |
| | I | |

| 23. | 5 + 6 = | |
|-----|----------|--|
| 24. | 5 + 7 = | |
| 25. | 4 + 7 = | |
| 26. | 4 + 8 = | |
| 27. | 4 + 10 = | |
| 28. | 3 + 8 = | |
| 29. | 3 + 9 = | |
| 30. | 2 + 9 = | |
| 31. | 5 + 8 = | |
| 32. | 7 + 6 = | |
| 33. | 6 + 7 = | |
| 34. | 8 + 6 = | |
| 35. | 6 + 8 = | |
| 36. | 9 + 6 = | |
| 37. | 6 + 9 = | |
| 38. | 9 + 7 = | |
| 39. | 7 + 9 = | |
| 40. | 6 + 6 = | |
| 41. | 7 + 7 = | |
| 42. | 8 + 8 = | |
| 43. | 9 + 9 = | |
| 44. | 4 + 9 = | |
| | | |



Lesson 8: Solve word problems involving the total value of a group of bills.

Subtraction from Teens

A

Number Correct: _____

| 1. | 11 - 10 = | |
|-----|-----------|--|
| 2. | 12 - 10 = | |
| 3. | 13 - 10 = | |
| 4. | 19 - 10 = | |
| 5. | 11 - 1 = | |
| 6. | 12 - 2 = | |
| 7. | 13 - 3 = | |
| 8. | 17 - 7 = | |
| 9. | 11 - 2 = | |
| 10. | 11 - 3 = | |
| 11. | 11 - 4 = | |
| 12. | 11 - 8 = | |
| 13. | 18 - 8 = | |
| 14. | 13 - 4 = | |
| 15. | 13 - 5 = | |
| 16. | 13 - 6 = | |
| 17. | 13 - 8 = | |
| 18. | 16 - 6 = | |
| 19. | 12 - 3 = | |
| 20. | 12 - 4 = | |
| 21. | 12 - 5 = | |
| 22. | 12 - 9 = | |

| 19 - 9 = | |
|-----------|---|
| 15 - 6 = | |
| 15 - 7 = | |
| 15 - 9 = | |
| 20 - 10 = | |
| 14 - 5 = | |
| 14 - 6 = | |
| 14 - 7 = | |
| 14 - 9 = | |
| 15 - 5 = | |
| 17 - 8 = | |
| 17 - 9 = | |
| 18 - 8 = | |
| 16 - 7 = | |
| 16 - 8 = | |
| 16 - 9 = | |
| 17 - 10 = | |
| 12 - 8 = | |
| 18 - 9 = | |
| 11 - 9 = | |
| 15 - 8 = | |
| 13 - 7 = | |
| | 15 - 6 = 15 - 7 = 15 - 9 = 20 - 10 = 14 - 5 = 14 - 6 = 14 - 7 = 14 - 7 = 14 - 7 = 14 - 7 = 14 - 9 = 15 - 5 = 17 - 8 = 17 - 8 = 16 - 7 = 16 - 8 = 16 - 9 = 16 - 9 = 16 - 9 = 12 - 8 = 18 - 9 = 11 - 9 = 11 - 9 = 15 - 8 = |



Lesson 11: Use different strategies to make \$1 or make change from \$1.

B

Number Correct: _____

Improvement: _____

| Subtraction from Teens | | |
|------------------------|-----------|--|
| 1. | 11 - 1 = | |
| 2. | 12 - 2 = | |
| 3. | 13 - 3 = | |
| 4. | 18 - 8 = | |
| 5. | 11 - 10 = | |
| 6. | 12 - 10 = | |
| 7. | 13 - 10 = | |
| 8. | 18 - 10 = | |
| 9. | 11 - 2 = | |
| 10. | 11 - 3 = | |
| 11. | 11 - 4 = | |
| 12. | 11 - 7 = | |
| 13. | 19 - 9 = | |
| 14. | 12 - 3 = | |
| 15. | 12 - 4 = | |
| 16. | 12 - 5 = | |
| 17. | 12 - 8 = | |
| 18. | 17 - 7 = | |
| 19. | 13 - 4 = | |
| 20. | 13 - 5 = | |
| 21. | 13 - 6 = | |
| 22. | 13 - 9 = | |

| 23. | 16 - 6 = | |
|-----|-----------|--|
| 24. | 14 - 5 = | |
| 25. | 14 - 6 = | |
| 26. | 14 - 7 = | |
| 27. | 14 - 9 = | |
| 28. | 20 - 10 = | |
| 29. | 15 - 6 = | |
| 30. | 15 - 7 = | |
| 31. | 15 - 9 = | |
| 32. | 14 - 4 = | |
| 33. | 16 - 7 = | |
| 34. | 16 - 8 = | |
| 35. | 16 - 9 = | |
| 36. | 20 - 10 = | |
| 37. | 17 - 8 = | |
| 38. | 17 - 9 = | |
| 39. | 16 - 10 = | |
| 40. | 18 - 9 = | |
| 41. | 12 - 9 = | |
| 42. | 13 - 7 = | |
| 43. | 11 - 8 = | |
| 44. | 15 - 8 = | |



Lesson 11: Use different strategies to make \$1 or make change from \$1.

Adding Across a Ten

Α

Number Correct:

| 5 | | |
|-----|----------|--|
| 1. | 9 + 2 = | |
| 2. | 9 + 3 = | |
| 3. | 9 + 4 = | |
| 4. | 9 + 7 = | |
| 5. | 7 + 9 = | |
| 6. | 10 + 1 = | |
| 7. | 10 + 2 = | |
| 8. | 10 + 3 = | |
| 9. | 10 + 8 = | |
| 10. | 8 + 10 = | |
| 11. | 8 + 3 = | |
| 12. | 8 + 4 = | |
| 13. | 8 + 5 = | |
| 14. | 8 + 9 = | |
| 15. | 9 + 8 = | |
| 16. | 7 + 4 = | |
| 17. | 10 + 5 = | |
| 18. | 6 + 5 = | |
| 19. | 7 + 5 = | |
| 20. | 9 + 5 = | |
| 21. | 5 + 9 = | |
| 22. | 10 + 6 = | |

| 23. | 4 + 7 = | |
|-----|----------|--|
| 24. | 4 + 8 = | |
| 25. | 5 + 6 = | |
| 26. | 5 + 7 = | |
| 27. | 3 + 8 = | |
| 28. | 3 + 9 = | |
| 29. | 2 + 9 = | |
| 30. | 5 + 10 = | |
| 31. | 5 + 8 = | |
| 32. | 9 + 6 = | |
| 33. | 6 + 9 = | |
| 34. | 7 + 6 = | |
| 35. | 6 + 7 = | |
| 36. | 8 + 6 = | |
| 37. | 6 + 8 = | |
| 38. | 8 + 7 = | |
| 39. | 7 + 8 = | |
| 40. | 6 + 6 = | |
| 41. | 7 + 7 = | |
| 42. | 8 + 8 = | |
| 43. | 9 + 9 = | |
| 44. | 4 + 9 = | |
| | | |



Solve word problems involving different ways to make change from \$1.

B

Number Correct: _____

Improvement: _____

| Adding Across a Ten | | |
|---------------------|----------|--|
| 1. | 10 + 1 = | |
| 2. | 10 + 2 = | |
| 3. | 10 + 3 = | |
| 4. | 10 + 9 = | |
| 5. | 9 + 10 = | |
| 6. | 9 + 2 = | |
| 7. | 9 + 3 = | |
| 8. | 9 + 4 = | |
| 9. | 9 + 8 = | |
| 10. | 8 + 9 = | |
| 11. | 8 + 3 = | |
| 12. | 8 + 4 = | |
| 13. | 8 + 5 = | |
| 14. | 8 + 7 = | |
| 15. | 7 + 8 = | |
| 16. | 7 + 4 = | |
| 17. | 10 + 4 = | |
| 18. | 6 + 5 = | |
| 19. | 7 + 5 = | |
| 20. | 9 + 5 = | |
| 21. | 5 + 9 = | |
| 22. | 10 + 8 = | |

| 23. | 5 + 6 = | |
|-----|----------|--|
| 24. | 5 + 7 = | |
| 25. | 4 + 7 = | |
| 26. | 4 + 8 = | |
| 27. | 4 + 10 = | |
| 28. | 3 + 8 = | |
| 29. | 3 + 9 = | |
| 30. | 2 + 9 = | |
| 31. | 5 + 8 = | |
| 32. | 7 + 6 = | |
| 33. | 6 + 7 = | |
| 34. | 8 + 6 = | |
| 35. | 6 + 8 = | |
| 36. | 9 + 6 = | |
| 37. | 6 + 9 = | |
| 38. | 9 + 7 = | |
| 39. | 7 + 9 = | |
| 40. | 6 + 6 = | |
| 41. | 7 + 7 = | |
| 42. | 8 + 8 = | |
| 43. | 9 + 9 = | |
| 44. | 4 + 9 = | |
| | | |



Lesson 12:

Solve word problems involving different ways to make change from \$1.

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Α

Number Correct: _____

| Adding and Subtracting by 2 | | |
|-----------------------------|----------|--|
| 1. | 0 + 2 = | |
| 2. | 2 + 2 = | |
| 3. | 4 + 2 = | |
| 4. | 6 + 2 = | |
| 5. | 8 + 2 = | |
| 6. | 10 + 2 = | |
| 7. | 12 + 2 = | |
| 8. | 14 + 2 = | |
| 9. | 16 + 2 = | |
| 10. | 18 + 2 = | |
| 11. | 20 - 2 = | |
| 12. | 18 - 2 = | |
| 13. | 16 - 2 = | |
| 14. | 14 - 2 = | |
| 15. | 12 - 2 = | |
| 16. | 10 - 2 = | |
| 17. | 8 - 2 = | |
| 18. | 6 - 2 = | |
| 19. | 4 - 2 = | |
| 20. | 2 - 2 = | |
| 21. | 2 + 0 = | |
| 22. | 2 + 2 = | |

| 23. | 2 + 4 = | |
|-----|-------------|--|
| 24. | 2 + 6 = | |
| 25. | 2 + 8 = | |
| 26. | 2 + 10 = | |
| 27. | 2 + 12 = | |
| 28. | 2 + 14 = | |
| 29. | 2 + 16 = | |
| 30. | 2 + 18 = | |
| 31. | 0 + 22 = | |
| 32. | 22 + 22 = | |
| 33. | 44 + 22 = | |
| 34. | 66 + 22 = | |
| 35. | 88 - 22 = | |
| 36. | 66 - 22 = | |
| 37. | 44 - 22 = | |
| 38. | 22 - 22 = | |
| 39. | 22 + 0 = | |
| 40. | 22 + 22 = | |
| 41. | 22 + 44 = | |
| 42. | 66 + 22 = | |
| 43. | 888 - 222 = | |
| 44. | 666 - 222 = | |



Lesson 15:

Apply concepts to create inch rulers; measure lengths using inch

rulers.

Adding and Subtracting by 2

B

Number Correct: _____

Improvement: _____

| 1. | 2 + 0 = | |
|-----|----------|--|
| 2. | 2 + 2 = | |
| 3. | 2 + 4 = | |
| 4. | 2 + 6 = | |
| 5. | 2 + 8 = | |
| 6. | 2 + 10 = | |
| 7. | 2 + 12 = | |
| 8. | 2 + 14 = | |
| 9. | 2 + 16 = | |
| 10. | 2 + 18 = | |
| 11. | 20 - 2 = | |
| 12. | 18 - 2 = | |
| 13. | 16 - 2 = | |
| 14. | 14 - 2 = | |
| 15. | 12 - 2 = | |
| 16. | 10 - 2 = | |
| 17. | 8 - 2 = | |
| 18. | 6 - 2 = | |
| 19. | 4 - 2 = | |
| 20. | 2 - 2 = | |
| 21. | 0 + 2 = | |
| 22. | 2 + 2 = | |

| 23. | 4 + 2 = | |
|-----|-------------|--|
| 24. | 6 + 2 = | |
| 25. | 8 + 2 = | |
| 26. | 10 + 2 = | |
| 27. | 12 + 2 = | |
| 28. | 14 + 2 = | |
| 29. | 16 + 2 = | |
| 30. | 18 + 2 = | |
| 31. | 0 + 22 = | |
| 32. | 22 + 22 = | |
| 33. | 22 + 44 = | |
| 34. | 66 + 22 = | |
| 35. | 88 - 22 = | |
| 36. | 66 - 22 = | |
| 37. | 44 - 22 = | |
| 38. | 22 - 22 = | |
| 39. | 22 + 0 = | |
| 40. | 22 + 22 = | |
| 41. | 22 + 44 = | |
| 42. | 66 + 22 = | |
| 43. | 666 - 222 = | |
| 44. | 888 - 222 = | |
| | | |



Apply concepts to create inch rulers; measure lengths using inch rulers.

Α

Number Correct: _____

| Adding and Subtracting by 3 | | |
|-----------------------------|----------|--|
| 1. | 0 + 3 = | |
| 2. | 3 + 3 = | |
| 3. | 6 + 3 = | |
| 4. | 9 + 3 = | |
| 5. | 12 + 3 = | |
| 6. | 15 + 3 = | |
| 7. | 18 + 3 = | |
| 8. | 21 + 3 = | |
| 9. | 24 + 3 = | |
| 10. | 27 + 3 = | |
| 11. | 30 - 3 = | |
| 12. | 27 - 3 = | |
| 13. | 24 - 3 = | |
| 14. | 21 - 3 = | |
| 15. | 18 - 3 = | |
| 16. | 15 - 3 = | |
| 17. | 12 - 3 = | |
| 18. | 9 - 3 = | |
| 19. | 6 - 3 = | |
| 20. | 3 - 3 = | |
| 21. | 3 + 0 = | |
| 22. | 3 + 3 = | |

| 23. $6 + 3 =$ 24. $9 + 3 =$ 25. $12 + 3 =$ 26. $15 + 3 =$ 27. $18 + 3 =$ 28. $21 + 3 =$ 29. $24 + 3 =$ 30. $27 + 3 =$ 31. $0 + 33 =$ 32. $33 + 33 =$ 33. $66 + 33 =$ 34. $33 + 66 =$ 35. $99 - 33 =$ 36. $66 - 33 =$ 37. $999 - 333 =$ 38. $33 - 33 =$ 39. $33 + 0 =$ 40. $30 + 3 =$ 41. $33 + 3 =$ 42. $36 + 3 =$ 43. $63 + 33 =$ | | | |
|--|-----|-------------|--|
| 25. $12 + 3 =$ 26. $15 + 3 =$ 27. $18 + 3 =$ 28. $21 + 3 =$ 29. $24 + 3 =$ 30. $27 + 3 =$ 31. $0 + 33 =$ 32. $33 + 33 =$ 33. $66 + 33 =$ 34. $33 + 66 =$ 35. $99 - 33 =$ 36. $66 - 33 =$ 37. $999 - 333 =$ 38. $33 - 33 =$ 39. $33 + 0 =$ 40. $30 + 3 =$ 41. $33 + 3 =$ 42. $36 + 3 =$ 43. $63 + 33 =$ | 23. | 6 + 3 = | |
| 26. $15 + 3 =$ 27. $18 + 3 =$ 28. $21 + 3 =$ 29. $24 + 3 =$ 30. $27 + 3 =$ 31. $0 + 33 =$ 32. $33 + 33 =$ 33. $66 + 33 =$ 34. $33 + 66 =$ 35. $99 - 33 =$ 36. $66 - 33 =$ 37. $999 - 333 =$ 38. $33 - 33 =$ 39. $33 + 0 =$ 40. $30 + 3 =$ 41. $33 + 3 =$ 42. $36 + 3 =$ 43. $63 + 33 =$ | 24. | 9 + 3 = | |
| 27. $18 + 3 =$ 28. $21 + 3 =$ 29. $24 + 3 =$ 30. $27 + 3 =$ 31. $0 + 33 =$ 32. $33 + 33 =$ 33. $66 + 33 =$ 34. $33 + 66 =$ 35. $99 - 33 =$ 36. $66 - 33 =$ 37. $999 - 333 =$ 38. $33 - 33 =$ 39. $33 + 0 =$ 40. $30 + 3 =$ 41. $33 + 3 =$ 42. $36 + 3 =$ 43. $63 + 33 =$ | 25. | 12 + 3 = | |
| 28. $21 + 3 =$ 29. $24 + 3 =$ 30. $27 + 3 =$ 31. $0 + 33 =$ 32. $33 + 33 =$ 33. $66 + 33 =$ 34. $33 + 66 =$ 35. $99 - 33 =$ 36. $66 - 33 =$ 37. $999 - 333 =$ 38. $33 - 33 =$ 39. $33 + 0 =$ 40. $30 + 3 =$ 41. $33 + 3 =$ 42. $36 + 3 =$ 43. $63 + 33 =$ | 26. | 15 + 3 = | |
| 29. $24 + 3 =$ 30. $27 + 3 =$ 31. $0 + 33 =$ 32. $33 + 33 =$ 33. $66 + 33 =$ 34. $33 + 66 =$ 35. $99 - 33 =$ 36. $66 - 33 =$ 37. $999 - 333 =$ 38. $33 - 33 =$ 39. $33 + 0 =$ 40. $30 + 3 =$ 41. $33 + 3 =$ 42. $36 + 3 =$ 43. $63 + 33 =$ | 27. | 18 + 3 = | |
| 30. $27 + 3 =$ $31.$ $0 + 33 =$ $32.$ $33 + 33 =$ $33.$ $66 + 33 =$ $34.$ $33 + 66 =$ $35.$ $99 - 33 =$ $36.$ $66 - 33 =$ $36.$ $66 - 33 =$ $37.$ $999 - 333 =$ $38.$ $33 - 33 =$ $39.$ $33 + 0 =$ $40.$ $30 + 3 =$ $41.$ $33 + 3 =$ $42.$ $36 + 3 =$ $43.$ $63 + 33 =$ | 28. | 21 + 3 = | |
| 31. $0 + 33 =$ 32. $33 + 33 =$ 33. $66 + 33 =$ 34. $33 + 66 =$ 35. $99 - 33 =$ 36. $66 - 33 =$ 37. $999 - 333 =$ 38. $33 - 33 =$ 39. $33 + 0 =$ 40. $30 + 3 =$ 41. $33 + 3 =$ 42. $36 + 3 =$ 43. $63 + 33 =$ | 29. | 24 + 3 = | |
| 32. $33 + 33 =$ $33.$ $66 + 33 =$ $34.$ $33 + 66 =$ $35.$ $99 - 33 =$ $36.$ $66 - 33 =$ $37.$ $999 - 333 =$ $38.$ $33 - 33 =$ $39.$ $33 + 0 =$ $40.$ $30 + 3 =$ $41.$ $33 + 3 =$ $42.$ $36 + 3 =$ $43.$ $63 + 33 =$ | 30. | 27 + 3 = | |
| 33. $66 + 33 =$ 34. $33 + 66 =$ 35. $99 - 33 =$ 36. $66 - 33 =$ 37. $999 - 333 =$ 38. $33 - 33 =$ 39. $33 + 0 =$ 40. $30 + 3 =$ 41. $33 + 3 =$ 42. $36 + 3 =$ 43. $63 + 33 =$ | 31. | 0 + 33 = | |
| 34. $33 + 66 =$ $35.$ $99 - 33 =$ $36.$ $66 - 33 =$ $37.$ $999 - 333 =$ $38.$ $33 - 33 =$ $38.$ $33 - 33 =$ $39.$ $33 + 0 =$ $40.$ $30 + 3 =$ $41.$ $33 + 3 =$ $42.$ $36 + 3 =$ $43.$ $63 + 33 =$ | 32. | 33 + 33 = | |
| 35. $99 - 33 =$ $36.$ $66 - 33 =$ $37.$ $999 - 333 =$ $38.$ $33 - 33 =$ $39.$ $33 + 0 =$ $40.$ $30 + 3 =$ $41.$ $33 + 3 =$ $42.$ $36 + 3 =$ $43.$ $63 + 33 =$ | 33. | 66 + 33 = | |
| 36. $66 - 33 =$ 37. $999 - 333 =$ 38. $33 - 33 =$ 39. $33 + 0 =$ 40. $30 + 3 =$ 41. $33 + 3 =$ 42. $36 + 3 =$ 43. $63 + 33 =$ | 34. | 33 + 66 = | |
| 37. $999 - 333 =$ $38.$ $33 - 33 =$ $39.$ $33 + 0 =$ $40.$ $30 + 3 =$ $41.$ $33 + 3 =$ $42.$ $36 + 3 =$ $43.$ $63 + 33 =$ | 35. | 99 - 33 = | |
| 38. $33 - 33 =$ 39. $33 + 0 =$ 40. $30 + 3 =$ 41. $33 + 3 =$ 42. $36 + 3 =$ 43. $63 + 33 =$ | 36. | 66 - 33 = | |
| 39. $33 + 0 =$ $40.$ $30 + 3 =$ $41.$ $33 + 3 =$ $42.$ $36 + 3 =$ $43.$ $63 + 33 =$ | 37. | 999 - 333 = | |
| 40. 30 + 3 = 41. 33 + 3 = 42. 36 + 3 = 43. 63 + 33 = | 38. | 33 - 33 = | |
| 41. 33 + 3 = 42. 36 + 3 = 43. 63 + 33 = | 39. | 33 + 0 = | |
| 42. 36 + 3 = 43. 63 + 33 = | 40. | 30 + 3 = | |
| 43. 63 + 33 = | 41. | 33 + 3 = | |
| | 42. | 36 + 3 = | |
| 44. 63 + 36 = | 43. | 63 + 33 = | |
| · · · · · · | 44. | 63 + 36 = | |



Lesson 16: Measure various objects using inch rulers and yardsticks.

Adding and Subtracting by 3

B

Number Correct: _____

Improvement: _____

| rading the outracting by o | | |
|----------------------------|----------|--|
| 1. | 3 + 0 = | |
| 2. | 3 + 3 = | |
| 3. | 3 + 6 = | |
| 4. | 3 + 9 = | |
| 5. | 3 + 12 = | |
| 6. | 3 + 15 = | |
| 7. | 3 + 18 = | |
| 8. | 3 + 21 = | |
| 9. | 3 + 24 = | |
| 10. | 3 + 27 = | |
| 11. | 30 - 3 = | |
| 12. | 27 - 3 = | |
| 13. | 24 - 3 = | |
| 14. | 21 - 3 = | |
| 15. | 18 - 3 = | |
| 16. | 15 - 3 = | |
| 17. | 12 - 3 = | |
| 18. | 9 - 3 = | |
| 19. | 6 - 3 = | |
| 20. | 3 - 3 = | |
| 21. | 0 + 3 = | |
| 22. | 3 + 3 = | |

| | · | |
|-----|-------------|--|
| 23. | 6 + 3 = | |
| 24. | 9 + 3 = | |
| 25. | 12 + 3 = | |
| 26. | 15 + 3 = | |
| 27. | 18 + 3 = | |
| 28. | 21 + 3 = | |
| 29. | 24 + 3 = | |
| 30. | 27 + 3 = | |
| 31. | 0 + 33 = | |
| 32. | 33 + 33 = | |
| 33. | 33 + 66 = | |
| 34. | 66 + 33 = | |
| 35. | 99 - 33 = | |
| 36. | 66 - 33 = | |
| 37. | 999 - 333 = | |
| 38. | 33 - 33 = | |
| 39. | 33 + 0 = | |
| 40. | 30 + 3 = | |
| 41. | 33 + 3 = | |
| 42. | 36 + 3 = | |
| 43. | 36 + 33 = | |
| 44. | 36 + 63 = | |
| | | |



Lesson 16: Measure various objects using inch rulers and yardsticks.

Number Correct: _____

A

Subtraction Patterns

| 1. | 10 - 1 = | |
|-----|----------|--|
| 2. | 10 - 2 = | |
| 3. | 20 - 2 = | |
| 4. | 40 - 2 = | |
| 5. | 10 - 2 = | |
| 6. | 11 - 2 = | |
| 7. | 21 - 2 = | |
| 8. | 51 - 2 = | |
| 9. | 10 - 3 = | |
| 10. | 11 - 3 = | |
| 11. | 21 - 3 = | |
| 12. | 61 - 3 = | |
| 13. | 10 - 4 = | |
| 14. | 11 - 4 = | |
| 15. | 21 - 4 = | |
| 16. | 71 - 4 = | |
| 17. | 10 - 5 = | |
| 18. | 11 - 5 = | |
| 19. | 21 - 5 = | |
| 20. | 81 - 5 = | |
| 21. | 10 - 6 = | |
| 22. | 11 - 6 = | |

| 23. | 21 - 6 = | |
|-----|----------|--|
| 24. | 91 - 6 = | |
| 25. | 10 - 7 = | |
| 26. | 11 - 7 = | |
| 27. | 31 - 7 = | |
| 28. | 10 - 8 = | |
| 29. | 11 - 8 = | |
| 30. | 41 - 8 = | |
| 31. | 10 - 9 = | |
| 32. | 11 - 9 = | |
| 33. | 51 - 9 = | |
| 34. | 12 - 3 = | |
| 35. | 82 - 3 = | |
| 36. | 13 - 5 = | |
| 37. | 73 - 5 = | |
| 38. | 14 - 6 = | |
| 39. | 84 - 6 = | |
| 40. | 15 - 8 = | |
| 41. | 95 - 8 = | |
| 42. | 16 - 7 = | |
| 43. | 46 - 7 = | |
| 44. | 68 - 9 = | |
| | | |



Lesson 19:

Measure to compare the differences in lengths using inches, feet,

and yards.

Subtraction Patterns

B

Number Correct: _____

Improvement: _____

| Subtraction Fullerns | | |
|----------------------|----------|--|
| 1. | 10 - 2 = | |
| 2. | 20 - 2 = | |
| 3. | 30 - 2 = | |
| 4. | 50 - 2 = | |
| 5. | 10 - 2 = | |
| 6. | 11 - 2 = | |
| 7. | 21 - 2 = | |
| 8. | 61 - 2 = | |
| 9. | 10 - 3 = | |
| 10. | 11 - 3 = | |
| 11. | 21 - 3 = | |
| 12. | 71 - 3 = | |
| 13. | 10 - 4 = | |
| 14. | 11 - 4 = | |
| 15. | 21 - 4 = | |
| 16. | 81 - 4 = | |
| 17. | 10 - 5 = | |
| 18. | 11 - 5 = | |
| 19. | 21 - 5 = | |
| 20. | 91 - 5 = | |
| 21. | 10 - 6 = | |
| 22. | 11 - 6 = | |

| 23. | 21 - 6 = | |
|-----|----------|--|
| 24. | 41 - 6 = | |
| 25. | 10 - 7 = | |
| 26. | 11 - 7 = | |
| 27. | 51 - 7 = | |
| 28. | 10 - 8 = | |
| 29. | 11 - 8 = | |
| 30. | 61 - 8 = | |
| 31. | 10 - 9 = | |
| 32. | 11 - 9 = | |
| 33. | 31 - 9 = | |
| 34. | 12 - 3 = | |
| 35. | 92 - 3 = | |
| 36. | 13 - 5 = | |
| 37. | 43 - 5 = | |
| 38. | 14 - 6 = | |
| 39. | 64 - 6 = | |
| 40. | 15 - 8 = | |
| 41. | 85 - 8 = | |
| 42. | 16 - 7 = | |
| 43. | 76 - 7 = | |
| 44. | 58 - 9 = | |
| | | |



Lesson 19:

Measure to compare the differences in lengths using inches, feet,

and yards.

Subtraction Patterns

Α

Number Correct: _____

| | | l |
|-----|-----------|---|
| 1. | 8 - 1 = | |
| 2. | 18 - 1 = | |
| 3. | 8 - 2 = | |
| 4. | 18 - 2 = | |
| 5. | 8 - 5 = | |
| 6. | 18 - 5 = | |
| 7. | 28 - 5 = | |
| 8. | 58 - 5 = | |
| 9. | 58 - 7 = | |
| 10. | 10 - 2 = | |
| 11. | 11 - 2 = | |
| 12. | 21 - 2 = | |
| 13. | 61 - 2 = | |
| 14. | 61 - 3 = | |
| 15. | 61 - 5 = | |
| 16. | 10 - 5 = | |
| 17. | 20 - 5 = | |
| 18. | 30 - 5 = | |
| 19. | 70 - 5 = | |
| 20. | 72 - 5 = | |
| 21. | 4 - 2 = | |
| 22. | 40 - 20 = | |

| 23. | 41 - 20 = | |
|-----|-----------|--|
| 24. | 46 - 20 = | |
| 25. | 7 - 5 = | |
| 26. | 70 - 50 = | |
| 27. | 71 - 50 = | |
| 28. | 78 - 50 = | |
| 29. | 80 - 40 = | |
| 30. | 84 - 40 = | |
| 31. | 90 - 60 = | |
| 32. | 97 - 60 = | |
| 33. | 70 - 40 = | |
| 34. | 72 - 40 = | |
| 35. | 56 - 4 = | |
| 36. | 52 - 4 = | |
| 37. | 50 - 4 = | |
| 38. | 60 - 30 = | |
| 39. | 90 - 70 = | |
| 40. | 80 - 60 = | |
| 41. | 96 - 40 = | |
| 42. | 63 - 40 = | |
| 43. | 79 - 30 = | |
| 44. | 76 - 9 = | |
| | | |



Lesson 20:

Solve two-digit addition and subtraction word problems involving length by using tape diagrams and writing equations to represent the problem.

B

Subtraction Patterns

Number Correct: _____

Improvement: _____

| 1. | 7 - 1 = | |
|-----|-----------|--|
| 2. | 17 - 1 = | |
| 3. | 7 - 2 = | |
| 4. | 17 - 2 = | |
| 5. | 7 - 5 = | |
| 6. | 17 - 5 = | |
| 7. | 27 - 5 = | |
| 8. | 57 - 5 = | |
| 9. | 57 - 6 = | |
| 10. | 10 - 5 = | |
| 11. | 11 - 5 = | |
| 12. | 21 - 5 = | |
| 13. | 61 - 5 = | |
| 14. | 61 - 4 = | |
| 15. | 61 - 2 = | |
| 16. | 10 - 2 = | |
| 17. | 20 - 2 = | |
| 18. | 30 - 2 = | |
| 19. | 70 - 2 = | |
| 20. | 71 - 2 = | |
| 21. | 5 - 2 = | |
| 22. | 50 - 20 = | |

| 23. | 51 - 20 = | |
|-----|-----------|--|
| 24. | 56 - 20 = | |
| 25. | 8 - 5 = | |
| 26. | 80 - 50 = | |
| 27. | 81 - 50 = | |
| 28. | 87 - 50 = | |
| 29. | 60 - 30 = | |
| 30. | 64 - 30 = | |
| 31. | 80 - 60 = | |
| 32. | 85 - 60 = | |
| 33. | 70 - 30 = | |
| 34. | 72 - 30 = | |
| 35. | 76 - 4 = | |
| 36. | 72 - 4 = | |
| 37. | 70 - 4 = | |
| 38. | 80 - 40 = | |
| 39. | 90 - 60 = | |
| 40. | 60 - 40 = | |
| 41. | 93 - 40 = | |
| 42. | 67 - 40 = | |
| 43. | 78 - 30 = | |
| 44. | 56 - 9 = | |



Solve two-digit addition and subtraction word problems involving length by using tape diagrams and writing equations to represent the problem.

A

Number Correct: _____

| Adding | Across | ۵ | Ten | |
|--------|--------|---|-----|--|
|--------|--------|---|-----|--|

| 1. | 9 + 2 = | |
|-----|----------|--|
| 2. | 9 + 3 = | |
| 3. | 9 + 4 = | |
| 4. | 9 + 7 = | |
| 5. | 7 + 9 = | |
| 6. | 10 + 1 = | |
| 7. | 10 + 2 = | |
| 8. | 10 + 3 = | |
| 9. | 10 + 8 = | |
| 10. | 8 + 10 = | |
| 11. | 8 + 3 = | |
| 12. | 8 + 4 = | |
| 13. | 8 + 5 = | |
| 14. | 8 + 9 = | |
| 15. | 9 + 8 = | |
| 16. | 7 + 4 = | |
| 17. | 10 + 5 = | |
| 18. | 6 + 5 = | |
| 19. | 7 + 5 = | |
| 20. | 9 + 5 = | |
| 21. | 5 + 9 = | |
| 22. | 10 + 6 = | |

| 4 + 7 = | |
|----------|---|
| 4 + 8 = | |
| 5 + 6 = | |
| 5 + 7 = | |
| 3 + 8 = | |
| 3 + 9 = | |
| 2 + 9 = | |
| 5 + 10 = | |
| 5 + 8 = | |
| 9 + 6 = | |
| 6 + 9 = | |
| 7 + 6 = | |
| 6 + 7 = | |
| 8 + 6 = | |
| 6 + 8 = | |
| 8 + 7 = | |
| 7 + 8 = | |
| 6 + 6 = | |
| 7 + 7 = | |
| 8 + 8 = | |
| 9 + 9 = | |
| 4 + 9 = | |
| | 4 + 8 = 5 + 6 = 5 + 7 = 3 + 8 = 3 + 9 = 2 + 9 = 5 + 10 = 5 + 8 = 9 + 6 = 6 + 9 = 7 + 6 = 6 + 7 = 8 + 6 = 6 + 8 = 8 + 7 = 7 + 8 = 6 + 6 = 7 + 7 = 8 + 8 = 9 + 9 = 1 + 10 |



Lesson 23:

Collect and record measurement data in a table; answer questions and summarize the data set.

Adding Across a Ten

B

Number Correct:

Improvement: _____

| rualing Act uss a Ten | | |
|-----------------------|----------|--|
| 1. | 10 + 1 = | |
| 2. | 10 + 2 = | |
| 3. | 10 + 3 = | |
| 4. | 10 + 9 = | |
| 5. | 9 + 10 = | |
| 6. | 9 + 2 = | |
| 7. | 9 + 3 = | |
| 8. | 9 + 4 = | |
| 9. | 9 + 8 = | |
| 10. | 8 + 9 = | |
| 11. | 8 + 3 = | |
| 12. | 8 + 4 = | |
| 13. | 8 + 5 = | |
| 14. | 8 + 7 = | |
| 15. | 7 + 8 = | |
| 16. | 7 + 4 = | |
| 17. | 10 + 4 = | |
| 18. | 6 + 5 = | |
| 19. | 7 + 5 = | |
| 20. | 9 + 5 = | |
| 21. | 5 + 9 = | |
| 22. | 10 + 8 = | |

| 23. | 5 + 6 = | |
|-----|----------|--|
| 24. | 5 + 7 = | |
| 25. | 4 + 7 = | |
| 26. | 4 + 8 = | |
| 27. | 4 + 10 = | |
| 28. | 3 + 8 = | |
| 29. | 3 + 9 = | |
| 30. | 2 + 9 = | |
| 31. | 5 + 8 = | |
| 32. | 7 + 6 = | |
| 33. | 6 + 7 = | |
| 34. | 8 + 6 = | |
| 35. | 6 + 8 = | |
| 36. | 9 + 6 = | |
| 37. | 6 + 9 = | |
| 38. | 9 + 7 = | |
| 39. | 7 + 9 = | |
| 40. | 6 + 6 = | |
| 41. | 7 + 7 = | |
| 42. | 8 + 8 = | |
| 43. | 9 + 9 = | |
| 44. | 4 + 9 = | |
| 44. | 4 + 7 - | |



Lesson 23:

Collect and record measurement data in a table; answer questions and summarize the data set.

Number Correct: _____

A

Subtraction Patterns

| 1. | 3 - 1 = | |
|-----|----------|--|
| 2. | 13 - 1 = | |
| 3. | 23 - 1 = | |
| 4. | 53 - 1 = | |
| 5. | 4 - 2 = | |
| 6. | 14 - 2 = | |
| 7. | 24 - 2 = | |
| 8. | 64 - 2 = | |
| 9. | 4 - 3 = | |
| 10. | 14 - 3 = | |
| 11. | 24 - 3 = | |
| 12. | 74 - 3 = | |
| 13. | 6 - 4 = | |
| 14. | 16 - 4 = | |
| 15. | 26 - 4 = | |
| 16. | 96 - 4 = | |
| 17. | 7 - 5 = | |
| 18. | 17 - 5 = | |
| 19. | 27 - 5 = | |
| 20. | 47 - 5 = | |
| 21. | 43 - 3 = | |
| 22. | 87 - 7 = | |

| 23. | 8 - 7 = | |
|-----|----------|--|
| 24. | 18 - 7 = | |
| 25. | 58 - 7 = | |
| 26. | 62 - 2 = | |
| 27. | 9 - 8 = | |
| 28. | 19 - 8 = | |
| 29. | 29 - 8 = | |
| 30. | 69 - 8 = | |
| 31. | 7 - 3 = | |
| 32. | 17 - 3 = | |
| 33. | 77 - 3 = | |
| 34. | 59 - 9 = | |
| 35. | 9 - 7 = | |
| 36. | 19 - 7 = | |
| 37. | 89 - 7 = | |
| 38. | 99 - 5 = | |
| 39. | 78 - 6 = | |
| 40. | 58 - 5 = | |
| 41. | 39 - 7 = | |
| 42. | 28 - 6 = | |
| 43. | 49 - 4 = | |
| 44. | 67 - 4 = | |
| | | |



Lesson 24:

Draw a line plot to represent the measurement data; relate the measurement scale to the number line.

Subtraction Patterns

B

Number Correct: _____

Improvement: _____

| | LIION FUITERN | , , |
|-----|---------------|--------|
| 1. | 2 - 1 = | |
| 2. | 12 - 1 = | |
| 3. | 22 - 1 = | |
| 4. | 52 - 1 = | |
| 5. | 5 - 2 = | |
| 6. | 15 - 2 = | |
| 7. | 25 - 2 = | |
| 8. | 65 - 2 = | |
| 9. | 4 - 3 = | |
| 10. | 14 - 3 = | |
| 11. | 24 - 3 = | |
| 12. | 84 - 3 = | |
| 13. | 7 - 4 = | |
| 14. | 17 - 4 = | |
| 15. | 27 - 4 = | |
| 16. | 97 - 4 = | |
| 17. | 6 - 5 = | |
| 18. | 16 - 5 = | |
| 19. | 26 - 5 = | |
| 20. | 46 - 5 = | |
| 21. | 23 - 3 = | |
| 22. | 67 - 7 = | |



Lesson 24:

Draw a line plot to represent the measurement data; relate the measurement scale to the number line.

Adding Across a Ten

A

Number Correct: _____

| 1. | 8 + 1 = | |
|-----|-----------|--|
| 2. | 18 + 1 = | |
| 3. | 28 + 1 = | |
| 4. | 58 + 1 = | |
| 5. | 7 + 2 = | |
| 6. | 17 + 2 = | |
| 7. | 27 + 2 = | |
| 8. | 57 + 2 = | |
| 9. | 6 + 3 = | |
| 10. | 36 + 3 = | |
| 11. | 5 + 4 = | |
| 12. | 45 + 4 = | |
| 13. | 30 + 9 = | |
| 14. | 9 + 2 = | |
| 15. | 39 + 2 = | |
| 16. | 50 + 8 = | |
| 17. | 8 + 4 = | |
| 18. | 58 + 4 = | |
| 19. | 50 + 20 = | |
| 20. | 54 + 20 = | |
| 21. | 70 + 20 = | |
| 22. | 76 + 20 = | |

| 23. | 50 + 30 = | |
|-----|-----------|--|
| 24. | 58 + 30 = | |
| 25. | 9 + 3 = | |
| 26. | 90 + 30 = | |
| 27. | 97 + 30 = | |
| 28. | 8 + 4 = | |
| 29. | 80 + 40 = | |
| 30. | 83 + 40 = | |
| 31. | 83 + 4 = | |
| 32. | 7 + 6 = | |
| 33. | 70 + 60 = | |
| 34. | 74 + 60 = | |
| 35. | 74 + 5 = | |
| 36. | 73 + 6 = | |
| 37. | 58 + 7 = | |
| 38. | 76 + 5 = | |
| 39. | 30 + 40 = | |
| 40. | 20 + 70 = | |
| 41. | 80 + 70 = | |
| 42. | 34 + 40 = | |
| 43. | 23 + 50 = | |
| 44. | 97 + 60 = | |
| | | |



Lesson 1: Describe two-dimensional shapes based on attributes.

B

Adding Across a Ten

Number Correct: _____

Improvement: _____

| 1. | 7 + 1 = | |
|-----|-----------|--|
| 2. | 17 + 1 = | |
| 3. | 27 + 1 = | |
| 4. | 47 + 1 = | |
| 5. | 6 + 2 = | |
| 6. | 16 + 2 = | |
| 7. | 26 + 2 = | |
| 8. | 46 + 2 = | |
| 9. | 5 + 3 = | |
| 10. | 75 + 3 = | |
| 11. | 5 + 4 = | |
| 12. | 75 + 4 = | |
| 13. | 40 + 9 = | |
| 14. | 9 + 2 = | |
| 15. | 49 + 2 = | |
| 16. | 60 + 8 = | |
| 17. | 8 + 4 = | |
| 18. | 68 + 4 = | |
| 19. | 50 + 20 = | |
| 20. | 56 + 20 = | |
| 21. | 70 + 20 = | |
| 22. | 74 + 20 = | |

| 23. | 50 + 30 = | |
|-----|-----------|--|
| 24. | 57 + 30 = | |
| 25. | 8 + 3 = | |
| 26. | 80 + 30 = | |
| 27. | 87 + 30 = | |
| 28. | 9 + 4 = | |
| 29. | 90 + 40 = | |
| 30. | 93 + 40 = | |
| 31. | 93 + 4 = | |
| 32. | 8 + 6 = | |
| 33. | 80 + 60 = | |
| 34. | 84 + 60 = | |
| 35. | 84 + 5 = | |
| 36. | 83 + 6 = | |
| 37. | 68 + 7 = | |
| 38. | 86 + 5 = | |
| 39. | 20 + 30 = | |
| 40. | 30 + 60 = | |
| 41. | 90 + 70 = | |
| 42. | 36 + 40 = | |
| 43. | 27 + 50 = | |
| 44. | 94 + 70 = | |
| | | |



Lesson 1: Describe two-dimensional shapes based on attributes.

Make a Hundred to Add

A

Number Correct: _____

| 1. $98 + 3 =$ 2. $98 + 4 =$ 3. $98 + 5 =$ 4. $98 + 8 =$ 5. $98 + 6 =$ 6. $98 + 9 =$ 7. $98 + 7 =$ 8. $99 + 2 =$ 9. $99 + 3 =$ 10. $99 + 4 =$ 11. $99 + 9 =$ 12. $99 + 6 =$ 13. $99 + 8 =$ 14. $99 + 5 =$ 15. $99 + 7 =$ 16. $98 + 13 =$ 17. $98 + 24 =$ 18. $98 + 35 =$ 19. $98 + 46 =$ 20. $98 + 57 =$ 21. $98 + 68 =$ 22. $98 + 79 =$ | | | |
|---|-----|-----------|--|
| 3. $98 + 5 =$ 4. $98 + 8 =$ 5. $98 + 6 =$ 6. $98 + 9 =$ 7. $98 + 7 =$ 8. $99 + 2 =$ 9. $99 + 3 =$ 10. $99 + 4 =$ 11. $99 + 9 =$ 12. $99 + 6 =$ 13. $99 + 8 =$ 14. $99 + 5 =$ 15. $99 + 7 =$ 16. $98 + 13 =$ 17. $98 + 24 =$ 18. $98 + 35 =$ 19. $98 + 46 =$ 20. $98 + 57 =$ 21. $98 + 68 =$ | 1. | 98 + 3 = | |
| 4. $98 + 8 =$ 5. $98 + 6 =$ 6. $98 + 9 =$ 7. $98 + 7 =$ 8. $99 + 2 =$ 9. $99 + 3 =$ 10. $99 + 4 =$ 11. $99 + 9 =$ 12. $99 + 6 =$ 13. $99 + 8 =$ 14. $99 + 5 =$ 15. $99 + 7 =$ 16. $98 + 13 =$ 17. $98 + 24 =$ 18. $98 + 35 =$ 19. $98 + 46 =$ 20. $98 + 57 =$ 21. $98 + 68 =$ | 2. | 98 + 4 = | |
| 5. $98 + 6 =$ 6. $98 + 9 =$ 7. $98 + 7 =$ 8. $99 + 2 =$ 9. $99 + 3 =$ 10. $99 + 4 =$ 11. $99 + 9 =$ 12. $99 + 6 =$ 13. $99 + 8 =$ 14. $99 + 5 =$ 15. $99 + 7 =$ 16. $98 + 13 =$ 17. $98 + 24 =$ 18. $98 + 35 =$ 19. $98 + 46 =$ 20. $98 + 57 =$ 21. $98 + 68 =$ | 3. | 98 + 5 = | |
| 6. $98 + 9 =$ $7.$ $98 + 7 =$ $8.$ $99 + 2 =$ $9.$ $99 + 3 =$ $10.$ $99 + 4 =$ $11.$ $99 + 9 =$ $12.$ $99 + 6 =$ $13.$ $99 + 8 =$ $14.$ $99 + 5 =$ $15.$ $99 + 7 =$ $16.$ $98 + 13 =$ $17.$ $98 + 24 =$ $18.$ $98 + 35 =$ $19.$ $98 + 46 =$ $20.$ $98 + 57 =$ $21.$ $98 + 68 =$ | 4. | 98 + 8 = | |
| 7. $98 + 7 =$ 8. $99 + 2 =$ 9. $99 + 3 =$ 10. $99 + 4 =$ 11. $99 + 9 =$ 12. $99 + 6 =$ 13. $99 + 8 =$ 14. $99 + 5 =$ 15. $99 + 7 =$ 16. $98 + 13 =$ 17. $98 + 24 =$ 18. $98 + 35 =$ 19. $98 + 46 =$ 20. $98 + 57 =$ 21. $98 + 68 =$ | 5. | 98 + 6 = | |
| 8. $99 + 2 =$ 9. $99 + 3 =$ 10. $99 + 4 =$ 11. $99 + 9 =$ 11. $99 + 9 =$ 12. $99 + 6 =$ 13. $99 + 8 =$ 14. $99 + 5 =$ 15. $99 + 7 =$ 16. $98 + 13 =$ 17. $98 + 24 =$ 18. $98 + 35 =$ 19. $98 + 46 =$ 20. $98 + 57 =$ 21. $98 + 68 =$ | 6. | 98 + 9 = | |
| 9. $99 + 3 =$ 10. $99 + 4 =$ 11. $99 + 9 =$ 11. $99 + 9 =$ 12. $99 + 6 =$ 13. $99 + 8 =$ 14. $99 + 5 =$ 15. $99 + 7 =$ 16. $98 + 13 =$ 17. $98 + 24 =$ 18. $98 + 35 =$ 19. $98 + 46 =$ 20. $98 + 57 =$ 21. $98 + 68 =$ | 7. | 98 + 7 = | |
| 10. $99 + 4 =$ 11. $99 + 9 =$ 12. $99 + 6 =$ 13. $99 + 8 =$ 14. $99 + 5 =$ 15. $99 + 7 =$ 16. $98 + 13 =$ 17. $98 + 24 =$ 18. $98 + 35 =$ 19. $98 + 46 =$ 20. $98 + 57 =$ 21. $98 + 68 =$ | 8. | 99 + 2 = | |
| 11. $99 + 9 =$ 12. $99 + 6 =$ 13. $99 + 8 =$ 14. $99 + 5 =$ 15. $99 + 7 =$ 16. $98 + 13 =$ 17. $98 + 24 =$ 18. $98 + 35 =$ 19. $98 + 46 =$ 20. $98 + 57 =$ 21. $98 + 68 =$ | 9. | 99 + 3 = | |
| 12. $99 + 6 =$ 13. $99 + 8 =$ 14. $99 + 5 =$ 15. $99 + 7 =$ 16. $98 + 13 =$ 17. $98 + 24 =$ 18. $98 + 35 =$ 19. $98 + 46 =$ 20. $98 + 57 =$ 21. $98 + 68 =$ | 10. | 99 + 4 = | |
| 13. $99 + 8 =$ 14. $99 + 5 =$ 15. $99 + 7 =$ 16. $98 + 13 =$ 17. $98 + 24 =$ 18. $98 + 35 =$ 19. $98 + 46 =$ 20. $98 + 57 =$ 21. $98 + 68 =$ | 11. | 99 + 9 = | |
| 14. $99 + 5 =$ 15. $99 + 7 =$ 16. $98 + 13 =$ 17. $98 + 24 =$ 18. $98 + 35 =$ 19. $98 + 46 =$ 20. $98 + 57 =$ 21. $98 + 68 =$ | 12. | 99 + 6 = | |
| 15. $99 + 7 =$ 16. $98 + 13 =$ 17. $98 + 24 =$ 18. $98 + 35 =$ 19. $98 + 46 =$ 20. $98 + 57 =$ 21. $98 + 68 =$ | 13. | 99 + 8 = | |
| 16. 98 + 13 = 17. 98 + 24 = 18. 98 + 35 = 19. 98 + 46 = 20. 98 + 57 = 21. 98 + 68 = | 14. | 99 + 5 = | |
| 17. 98 + 24 = 18. 98 + 35 = 19. 98 + 46 = 20. 98 + 57 = 21. 98 + 68 = | 15. | 99 + 7 = | |
| 18. 98 + 35 = 19. 98 + 46 = 20. 98 + 57 = 21. 98 + 68 = | 16. | 98 + 13 = | |
| 19. 98 + 46 = 20. 98 + 57 = 21. 98 + 68 = | 17. | 98 + 24 = | |
| 20. 98 + 57 = 21. 98 + 68 = | 18. | 98 + 35 = | |
| 21. 98 + 68 = | 19. | 98 + 46 = | |
| | 20. | 98 + 57 = | |
| 22. 98 + 79 = | 21. | 98 + 68 = | |
| | 22. | 98 + 79 = | |

| 23. | 99 + 12 = | |
|-----|-----------|--|
| 24. | 99 + 23 = | |
| 25. | 99 + 34 = | |
| 26. | 99 + 45 = | |
| 27. | 99 + 56 = | |
| 28. | 99 + 67 = | |
| 29. | 99 + 78 = | |
| 30. | 35 + 99 = | |
| 31. | 45 + 98 = | |
| 32. | 46 + 99 = | |
| 33. | 56 + 98 = | |
| 34. | 67 + 99 = | |
| 35. | 77 + 98 = | |
| 36. | 68 + 99 = | |
| 37. | 78 + 98 = | |
| 38. | 99 + 95 = | |
| 39. | 93 + 99 = | |
| 40. | 99 + 95 = | |
| 41. | 94 + 99 = | |
| 42. | 98 + 96 = | |
| 43. | 94 + 98 = | |
| 44. | 98 + 88 = | |
| | | |



Build, identify, and analyze two-dimensional shapes with specified attributes.

B

Make a Hundred to Add

Number Correct: _____

Improvement: _____

| 1. | 99 + 2 = | |
|-----|-----------|--|
| 2. | 99 + 3 = | |
| 3. | 99 + 4 = | |
| 4. | 99 + 8 = | |
| 5. | 99 + 6 = | |
| 6. | 99 + 9 = | |
| 7. | 99 + 5 = | |
| 8. | 99 + 7 = | |
| 9. | 98 + 3 = | |
| 10. | 98 + 4 = | |
| 11. | 98 + 5 = | |
| 12. | 98 + 9 = | |
| 13. | 98 + 7 = | |
| 14. | 98 + 8 = | |
| 15. | 98 + 6 = | |
| 16. | 99 + 12 = | |
| 17. | 99 + 23 = | |
| 18. | 99 + 34 = | |
| 19. | 99 + 45 = | |
| 20. | 99 + 56 = | |
| 21. | 99 + 67 = | |
| 22. | 99 + 78 = | |

| 23. | 98 + 13 = | |
|-----|---------------------------------------|--|
| 24. | 98 + 24 = | |
| 25. | 98 + 35 = | |
| 26. | 98 + 46 = | |
| 27. | 98 + 57 = | |
| 28. | 98 + 68 = | |
| 29. | 98 + 79 = | |
| 30. | 25 + 99 = | |
| 31. | 35 + 98 = | |
| 32. | 36 + 99 = | |
| 33. | 46 + 98 = | |
| 34. | 57 + 99 = | |
| 35. | 67 + 98 = | |
| 36. | 78 + 99 = | |
| 37. | 88 + 98 = | |
| 38. | 99 + 93 = | |
| 39. | 95 + 99 = | |
| 40. | 99 + 97 = | |
| 41. | 92 + 99 = | |
| 42. | 98 + 94 = | |
| 43. | 96 + 98 = | |
| 44. | 98 + 86 = | |
| | · · · · · · · · · · · · · · · · · · · | |



Build, identify, and analyze two-dimensional shapes with specified attributes.

Number Correct: _____

Subtraction Patterns

| 1. | 8 - 1 = | |
|-----|-----------|--|
| 2. | 18 - 1 = | |
| 3. | 8 - 2 = | |
| 4. | 18 - 2 = | |
| 5. | 8 - 5 = | |
| 6. | 18 - 5 = | |
| 7. | 28 - 5 = | |
| 8. | 58 - 5 = | |
| 9. | 58 - 7 = | |
| 10. | 10 - 2 = | |
| 11. | 11 - 2 = | |
| 12. | 21 - 2 = | |
| 13. | 61 - 2 = | |
| 14. | 61 - 3 = | |
| 15. | 61 - 5 = | |
| 16. | 10 - 5 = | |
| 17. | 20 - 5 = | |
| 18. | 30 - 5 = | |
| 19. | 70 - 5 = | |
| 20. | 72 - 5 = | |
| 21. | 4 - 2 = | |
| 22. | 40 - 20 = | |

| 23. | 41 - 20 = | |
|-----|-----------|--|
| 24. | 46 - 20 = | |
| 25. | 7 - 5 = | |
| 26. | 70 - 50 = | |
| 27. | 71 - 50 = | |
| 28. | 78 - 50 = | |
| 29. | 80 - 40 = | |
| 30. | 84 - 40 = | |
| 31. | 90 - 60 = | |
| 32. | 97 - 60 = | |
| 33. | 70 - 40 = | |
| 34. | 72 - 40 = | |
| 35. | 56 - 4 = | |
| 36. | 52 - 4 = | |
| 37. | 50 - 4 = | |
| 38. | 60 - 30 = | |
| 39. | 90 - 70 = | |
| 40. | 80 - 60 = | |
| 41. | 96 - 40 = | |
| 42. | 63 - 40 = | |
| 43. | 79 - 30 = | |
| 44. | 76 - 9 = | |
| | | |



Lesson 5:

Relate the square to the cube, and describe the cube based on attributes.

B

Subtraction Patterns

Number Correct: _____

Improvement: _____

| 1. | 7 - 1 = | |
|-----|-----------|--|
| 2. | 17 - 1 = | |
| 3. | 7 - 2 = | |
| 4. | 17 - 2 = | |
| 5. | 7 - 5 = | |
| 6. | 17 - 5 = | |
| 7. | 27 - 5 = | |
| 8. | 57 - 5 = | |
| 9. | 57 - 6 = | |
| 10. | 10 - 5 = | |
| 11. | 11 - 5 = | |
| 12. | 21 - 5 = | |
| 13. | 61 - 5 = | |
| 14. | 61 - 4 = | |
| 15. | 61 - 2 = | |
| 16. | 10 - 2 = | |
| 17. | 20 - 2 = | |
| 18. | 30 - 2 = | |
| 19. | 70 - 2 = | |
| 20. | 71 - 2 = | |
| 21. | 5 - 2 = | |
| 22. | 50 - 20 = | |

| 23. | 51 - 20 = | |
|-----|-----------|--|
| 24. | 56 - 20 = | |
| 25. | 8 - 5 = | |
| 26. | 80 - 50 = | |
| 27. | 81 - 50 = | |
| 28. | 87 - 50 = | |
| 29. | 60 - 30 = | |
| 30. | 64 - 30 = | |
| 31. | 80 - 60 = | |
| 32. | 85 - 60 = | |
| 33. | 70 - 30 = | |
| 34. | 72 - 30 = | |
| 35. | 76 - 4 = | |
| 36. | 72 - 4 = | |
| 37. | 70 - 4 = | |
| 38. | 80 - 40 = | |
| 39. | 90 - 60 = | |
| 40. | 60 - 40 = | |
| 41. | 93 - 40 = | |
| 42. | 67 - 40 = | |
| 43. | 78 - 30 = | |
| 44. | 56 - 9 = | |
| | | |



Lesson 5:

Relate the square to the cube, and describe the cube based on attributes.

Number Correct: _____

A

Addition and Subtraction Patterns

| 1. | 8 + 3 = | |
|-----|----------|---|
| 2. | 11 - 3 = | |
| 3. | 9 + 2 = | |
| 4. | 11 - 2 = | |
| 5. | 6 + 5 = | |
| 6. | 11 - 6 = | |
| 7. | 7 + 4 = | |
| 8. | 11 - 7 = | |
| 9. | 8 + 4 = | |
| 10. | 12 - 4 = | |
| 11. | 9 + 3 = | |
| 12. | 12 - 3 = | |
| 13. | 7 + 5 = | |
| 14. | 12 - 7 = | |
| 15. | 6 + 6 = | |
| 16. | 12 - 6 = | |
| 17. | 8 + 6 = | |
| 18. | 14 - 8 = | |
| 19. | 9 + 4 = | |
| 20. | 13 - 9 = | |
| 21. | 8 + 7 = | |
| | | 1 |

| 23. | 8 + 8 = | |
|-----|----------|--|
| 24. | 16 - 8 = | |
| 25. | 9 + 6 = | |
| 26. | 15 - 9 = | |
| 27. | 9 + 9 = | |
| 28. | 18 - 9 = | |
| 29. | 7 + 7 = | |
| 30. | 14 - 7 = | |
| 31. | 8 + 9 = | |
| 32. | 17 - 8 = | |
| 33. | 7 + 9 = | |
| 34. | 16 - 7 = | |
| 35. | 19 - 6 = | |
| 36. | 6 + 7 = | |
| 37. | 17 - 6 = | |
| 38. | 11 - 7 = | |
| 39. | 7 + 6 = | |
| 40. | 13 - 7 = | |
| 41. | 19 - 7 = | |
| 42. | 3 + 8 = | |
| 43. | 5 + 8 = | |
| 44. | 18 - 5 = | |
| | | |



Lesson 6:

Combine shapes to create a composite shape; create a new shape from composite shapes.

B

Number Correct: _____

Improvement: _____

| 1. | 9 + 2 = | |
|-----|----------|--|
| 2. | 11 - 2 = | |
| 3. | 8 + 3 = | |
| 4. | 11 - 3 = | |
| 5. | 7 + 4 = | |
| 6. | 11 - 7 = | |
| 7. | 6 + 5 = | |
| 8. | 11 - 6 = | |
| 9. | 9 + 3 = | |
| 10. | 12 - 3 = | |
| 11. | 8 + 4 = | |
| 12. | 12 - 4 = | |
| 13. | 7 + 5 = | |
| 14. | 12 - 5 = | |
| 15. | 6 + 6 = | |
| 16. | 12 - 6 = | |
| 17. | 9 + 4 = | |
| 18. | 13 - 4 = | |
| 19. | 8 + 6 = | |
| 20. | 14 - 8 = | |
| 21. | 7 + 8 = | |
| 22. | 15 - 7 = | |

| 23. | 9 + 6 = | |
|-----|----------|--|
| 24. | 15 - 9 = | |
| 25. | 8 + 8 = | |
| 26. | 16 - 8 = | |
| 27. | 7 + 7 = | |
| 28. | 14 - 7 = | |
| 29. | 9 + 9 = | |
| 30. | 18 - 9 = | |
| 31. | 7 + 9 = | |
| 32. | 16 - 9 = | |
| 33. | 8 + 9 = | |
| 34. | 17 - 9 = | |
| 35. | 19 - 7 = | |
| 36. | 5 + 8 = | |
| 37. | 18 - 5 = | |
| 38. | 13 - 8 = | |
| 39. | 6 + 7 = | |
| 40. | 13 - 6 = | |
| 41. | 19 - 6 = | |
| 42. | 3 + 9 = | |
| 43. | 6 + 9 = | |
| 44. | 18 - 6 = | |
| | | |



Lesson 6:

Combine shapes to create a composite shape; create a new shape from composite shapes.

Number Correct: _____

A

Subtraction Patterns

| 4 | F 4 | |
|-----|-----------|--|
| 1. | 5 - 1 = | |
| 2. | 15 - 1 = | |
| 3. | 25 - 1 = | |
| 4. | 75 - 1 = | |
| 5. | 5 - 2 = | |
| 6. | 15 - 2 = | |
| 7. | 25 - 2 = | |
| 8. | 75 - 2 = | |
| 9. | 4 - 1 = | |
| 10. | 40 - 10 = | |
| 11. | 43 - 10 = | |
| 12. | 43 - 20 = | |
| 13. | 43 - 21 = | |
| 14. | 43 - 23 = | |
| 15. | 12 - 2 = | |
| 16. | 62 - 2 = | |
| 17. | 62 - 12 = | |
| 18. | 18 - 8 = | |
| 19. | 78 - 8 = | |
| 20. | 78 - 18 = | |
| 21. | 41 - 11 = | |
| 22. | 92 - 12 = | |

| 23. | 10 - 2 = | |
|-----|-----------|--|
| 24. | 11 - 2 = | |
| 25. | 21 - 2 = | |
| 26. | 31 - 2 = | |
| 27. | 51 - 2 = | |
| 28. | 51 - 12 = | |
| 29. | 10 - 5 = | |
| 30. | 11 - 5 = | |
| 31. | 12 - 5 = | |
| 32. | 22 - 5 = | |
| 33. | 32 - 5 = | |
| 34. | 62 - 5 = | |
| 35. | 62 - 15 = | |
| 36. | 72 - 15 = | |
| 37. | 82 - 15 = | |
| 38. | 32 - 15 = | |
| 39. | 10 - 9 = | |
| 40. | 11 - 9 = | |
| 41. | 51 - 9 = | |
| 42. | 51 - 10 = | |
| 43. | 51 - 19 = | |
| 44. | 65 - 46 = | |
| | | |



Lesson 9:

Partition circles and rectangles into equal parts, and describe those parts as halves, thirds, or fourths.

Subtraction Patterns

B

Number Correct: _____

Improvement: _____

| | | · · · · · · · · · · · · · · · · · · · |
|-----|-----------|---------------------------------------|
| 1. | 4 - 1 = | |
| 2. | 14 - 1 = | |
| 3. | 24 - 1 = | |
| 4. | 74 - 1 = | |
| 5. | 5 - 3 = | |
| 6. | 15 - 3 = | |
| 7. | 25 - 3 = | |
| 8. | 75 - 3 = | |
| 9. | 3 - 1 = | |
| 10. | 30 - 10 = | |
| 11. | 32 - 10 = | |
| 12. | 32 - 20 = | |
| 13. | 32 - 21 = | |
| 14. | 32 - 22 = | |
| 15. | 15 - 5 = | |
| 16. | 65 - 5 = | |
| 17. | 65 - 15 = | |
| 18. | 16 - 6 = | |
| 19. | 76 - 6 = | |
| 20. | 76 - 16 = | |
| 21. | 51 - 11 = | |
| 22. | 82 - 12 = | |

| 23. | 10 - 5 = | |
|-----|-----------|--|
| 24. | 11 - 5 = | |
| 25. | 21 - 5 = | |
| 26. | 31 - 5 = | |
| 27. | 51 - 5 = | |
| 28. | 51 - 15 = | |
| 29. | 10 - 9 = | |
| 30. | 11 - 9 = | |
| 31. | 12 - 9 = | |
| 32. | 22 - 9 = | |
| 33. | 32 - 9 = | |
| 34. | 62 - 9 = | |
| 35. | 62 - 19 = | |
| 36. | 72 - 19 = | |
| 37. | 82 - 19 = | |
| 38. | 32 - 19 = | |
| 39. | 10 - 2 = | |
| 40. | 11 - 2 = | |
| 41. | 51 - 2 = | |
| 42. | 51 - 10 = | |
| 43. | 51 - 12 = | |
| 44. | 95 - 76 = | |
| | | |



Partition circles and rectangles into equal parts, and describe those parts as halves, thirds, or fourths.

Α

Number Correct: _____

| Addit | ion Patterns | |
|-------|--------------|--|
| 1. | 8 + 2 = | |
| 2. | 18 + 2 = | |
| 3. | 38 + 2 = | |
| 4. | 7 + 3 = | |
| 5. | 17 + 3 = | |
| 6. | 37 + 3 = | |
| 7. | 8 + 3 = | |
| 8. | 18 + 3 = | |
| 9. | 28 + 3 = | |
| 10. | 6 + 5 = | |
| 11. | 16 + 5 = | |
| 12. | 26 + 5 = | |
| 13. | 18 + 4 = | |
| 14. | 28 + 4 = | |
| 15. | 16 + 6 = | |
| 16. | 26 + 6 = | |
| 17. | 18 + 5 = | |
| 18. | 28 + 5 = | |
| 19. | 16 + 7 = | |
| 20. | 26 + 7 = | |
| 21. | 19 + 2 = | |
| 22. | 17 + 4 = | |

| 23. | 18 + 6 = | |
|-----|----------|--|
| 24. | 28 + 6 = | |
| 25. | 16 + 8 = | |
| 26. | 26 + 8 = | |
| 27. | 18 + 7 = | |
| 28. | 18 + 8 = | |
| 29. | 28 + 7 = | |
| 30. | 28 + 8 = | |
| 31. | 15 + 9 = | |
| 32. | 16 + 9 = | |
| 33. | 25 + 9 = | |
| 34. | 26 + 9 = | |
| 35. | 14 + 7 = | |
| 36. | 16 + 6 = | |
| 37. | 15 + 8 = | |
| 38. | 23 + 8 = | |
| 39. | 25 + 7 = | |
| 40. | 15 + 7 = | |
| 41. | 24 + 7 = | |
| 42. | 14 + 9 = | |
| 43. | 19 + 8 = | |
| 44. | 28 + 9 = | |
| | | |



Lesson 10:

0: Partition circles and rectangles into equal parts, and describe those parts as halves, thirds, or fourths.

Addition Patterns

B

Number Correct: _____

Improvement: _____

| 9 + 1 = | |
|----------|--|
| 19 + 1 = | |
| 39 + 1 = | |
| 6 + 4 = | |
| 16 + 4 = | |
| 36 + 4 = | |
| 9 + 2 = | |
| 19 + 2 = | |
| 29 + 2 = | |
| 7 + 4 = | |
| 17 + 4 = | |
| 27 + 4 = | |
| 19 + 3 = | |
| 29 + 3 = | |
| 17 + 5 = | |
| 27 + 5 = | |
| 19 + 4 = | |
| 29 + 4 = | |
| 17 + 6 = | |
| 27 + 6 = | |
| 18 + 3 = | |
| 26 + 5 = | |
| | 19 + 1 = $39 + 1 =$ $6 + 4 =$ $16 + 4 =$ $36 + 4 =$ $9 + 2 =$ $19 + 2 =$ $29 + 2 =$ $7 + 4 =$ $17 + 4 =$ $27 + 4 =$ $19 + 3 =$ $29 + 3 =$ $17 + 5 =$ $27 + 5 =$ $17 + 5 =$ $27 + 5 =$ $19 + 4 =$ $29 + 4 =$ $17 + 6 =$ $27 + 6 =$ $18 + 3 =$ |

| 23. | 19 + 5 = | |
|-----|----------|--|
| 24. | 29 + 5 = | |
| 25. | 17 + 7 = | |
| 26. | 27 + 7 = | |
| 27. | 19 + 6 = | |
| 28. | 19 + 7 = | |
| 29. | 29 + 6 = | |
| 30. | 29 + 7 = | |
| 31. | 17 + 8 = | |
| 32. | 17 + 9 = | |
| 33. | 27 + 8 = | |
| 34. | 27 + 9 = | |
| 35. | 12 + 9 = | |
| 36. | 14 + 8 = | |
| 37. | 16 + 7 = | |
| 38. | 28 + 6 = | |
| 39. | 26 + 8 = | |
| 40. | 24 + 8 = | |
| 41. | 13 + 8 = | |
| 42. | 24 + 9 = | |
| 43. | 29 + 8 = | |
| 44. | 18 + 9 = | |
| _ | | |



Lesson 10:

0: Partition circles and rectangles into equal parts, and describe those parts as halves, thirds, or fourths.

A

Adding and Subtracting by 5

Number Correct: _____

| 1. | 0 + 5 = | |
|-----|----------|--|
| 2. | 5 + 5 = | |
| 3. | 10 + 5 = | |
| 4. | 15 + 5 = | |
| 5. | 20 + 5 = | |
| 6. | 25 + 5 = | |
| 7. | 30 + 5 = | |
| 8. | 35 + 5 = | |
| 9. | 40 + 5 = | |
| 10. | 45 + 5 = | |
| 11. | 50 - 5 = | |
| 12. | 45 - 5 = | |
| 13. | 40 - 5 = | |
| 14. | 35 - 5 = | |
| 15. | 30 - 5 = | |
| 16. | 25 - 5 = | |
| 17. | 20 - 5 = | |
| 18. | 15 - 5 = | |
| 19. | 10 - 5 = | |
| 20. | 5 - 5 = | |
| 21. | 5 + 0 = | |
| 22. | 5 + 5 = | |

| 23. | 10 + 5 = | |
|-----|------------|--|
| 24. | 15 + 5 = | |
| 25. | 20 + 5 = | |
| 26. | 25 + 5 = | |
| 27. | 30 + 5 = | |
| 28. | 35 + 5 = | |
| 29. | 40 + 5 = | |
| 30. | 45 + 5 = | |
| 31. | 0 + 50 = | |
| 32. | 50 + 50 = | |
| 33. | 50 + 5 = | |
| 34. | 55 + 5 = | |
| 35. | 60 - 5 = | |
| 36. | 55 - 5 = | |
| 37. | 60 + 5 = | |
| 38. | 65 + 5 = | |
| 39. | 70 - 5 = | |
| 40. | 65 - 5 = | |
| 41. | 100 + 50 = | |
| 42. | 150 + 50 = | |
| 43. | 200 - 50 = | |
| 44. | 150 - 50 = | |
| | | |



Lesson 14: Tell time to the nearest five minutes.

Number Correct: _____

Improvement: _____

B

Adding and Subtracting by 5

| 1. | 5 + 0 = | |
|-----|----------|--|
| 2. | 5 + 5 = | |
| 3. | 5 + 10 = | |
| 4. | 5 + 15 = | |
| 5. | 5 + 20 = | |
| 6. | 5 + 25 = | |
| 7. | 5 + 30 = | |
| 8. | 5 + 35 = | |
| 9. | 5 + 40 = | |
| 10. | 5 + 45 = | |
| 11. | 50 - 5 = | |
| 12. | 45 - 5 = | |
| 13. | 40 - 5 = | |
| 14. | 35 - 5 = | |
| 15. | 30 - 5 = | |
| 16. | 25 - 5 = | |
| 17. | 20 - 5 = | |
| 18. | 15 - 5 = | |
| 19. | 10 - 5 = | |
| 20. | 5 - 5 = | |
| 21. | 0 + 5 = | |
| 22. | 5 + 5 = | |

| 23. | 10 + 5 = | |
|-----|------------|--|
| 24. | 15 + 5 = | |
| 25. | 20 + 5 = | |
| 26. | 25 + 5 = | |
| 27. | 30 + 5 = | |
| 28. | 35 + 5 = | |
| 29. | 40 + 5 = | |
| 30. | 45 + 5 = | |
| 31. | 50 + 0 = | |
| 32. | 50 + 50 = | |
| 33. | 5 + 50 = | |
| 34. | 5 + 55 = | |
| 35. | 60 - 5 = | |
| 36. | 55 - 5 = | |
| 37. | 5 + 60 = | |
| 38. | 5 + 65 = | |
| 39. | 70 - 5 = | |
| 40. | 65 - 5 = | |
| 41. | 50 + 100 = | |
| 42. | 50 + 150 = | |
| 43. | 200 - 50 = | |
| 44. | 150 - 50 = | |
| | | |



Lesson 14: Tell time to the nearest five minutes.

Subtract.

Α

1

2

3

4

5

6

7

8

| | | | # Correct |
|-----------|----|-----------|-----------|
| ubtract. | | | |
| 11 - 10 = | 23 | 19 - 9 = | |
| 12 - 10 = | 24 | 15 - 6 = | |
| 13 - 10 = | 25 | 15 - 7 = | |
| 19 - 10 = | 26 | 15 - 9 = | |
| 11 - 1 = | 27 | 20 - 10 = | |
| 12 - 2 = | 28 | 14 - 5 = | |
| 13 - 3 = | 29 | 14 - 6 = | |
| 17 - 7 = | 30 | 14 - 7 = | |
| 11 - 2 = | 31 | 14 - 9 = | |
| 11 - 3 = | 32 | 15 - 5 = | |
| 11 - 4 = | 33 | 17 - 8 = | |
| 11 - 8 = | 34 | 17 - 9 = | |
| | | | |

| 9 | 11 - 2 = | 31 | 14 - 9 = | |
|----|----------|----|-----------|--|
| 10 | 11 - 3 = | 32 | 15 - 5 = | |
| 11 | 11 - 4 = | 33 | 17 - 8 = | |
| 12 | 11 - 8 = | 34 | 17 - 9 = | |
| 13 | 18 - 8 = | 35 | 18 - 8 = | |
| 14 | 13 - 4 = | 36 | 16 - 7 = | |
| 15 | 13 - 5 = | 37 | 16 - 8 = | |
| 16 | 13 - 6 = | 38 | 16 - 9 = | |
| 17 | 13 - 8 = | 39 | 17 - 10 = | |
| 18 | 16 - 6 = | 40 | 12 - 8 = | |
| 19 | 12 - 3 = | 41 | 18 - 9 = | |
| 20 | 12 - 4 = | 42 | 11 - 9 = | |
| 21 | 12 - 5 = | 43 | 15 - 8 = | |
| 22 | 12 - 9 = | 44 | 13 - 7 = | |



Lesson 3:

Date:

Use math drawings to represent equal groups, and relate to repeated

| В | Subtract. | Improvemer | nt | # Correct |
|----|-----------|------------|-----------|-----------|
| 1 | 11 - 1 = | 23 | 16 - 6 = | |
| 2 | 12 - 2 = | 24 | 14 - 5 = | |
| 3 | 13 - 3 = | 25 | 14 - 6 = | |
| 4 | 18 - 8 = | 26 | 14 - 7 = | |
| 5 | 11 - 10 = | 27 | 14 - 9 = | |
| 6 | 12 - 10 = | 28 | 20 - 10 = | |
| 7 | 13 - 10 = | 29 | 15 - 6 = | |
| 8 | 18 - 10 = | 30 | 15 - 7 = | |
| 9 | 11 - 2 = | 31 | 15 - 9 = | |
| 10 | 11 - 3 = | 32 | 14 - 4 = | |
| 11 | 11 - 4 = | 33 | 16 - 7 = | |
| 12 | 11 - 7 = | 34 | 16 - 8 = | |
| 13 | 19 - 9 = | 35 | 16 - 9 = | |
| 14 | 12 - 3 = | 36 | 20 - 10 = | |
| 15 | 12 - 4 = | 37 | 17 - 8 = | |
| 16 | 12 - 5 = | 38 | 17 - 9 = | |
| 17 | 12 - 8 = | 39 | 16 - 10 = | |
| 18 | 17 - 7 = | 40 | 18 - 9 = | |
| 19 | 13 - 4 = | 41 | 12 - 9 = | |
| 20 | 13 - 5 = | 42 | 13 - 7 = | |
| 21 | 13 - 6 = | 43 | 11 - 8 = | |
| 22 | 13 - 9 = | 44 | 15 - 8 = | |



Lesson 3:

Date:

Use math drawings to represent equal groups, and relate to repeated

addition. 11/20/13 6.A.35

| Add. | | | | |
|------|---------|----|---------|--|
| 1 | 9 + 1 = | 23 | 7 + 3 = | |
| 2 | 9 + 2 = | 24 | 7 + 4 = | |
| 3 | 9 + 3 = | 25 | 7 + 5 = | |
| 4 | 9 + 9 = | 26 | 7 + 9 = | |
| 5 | 8 + 2 = | 27 | 6 + 4 = | |
| 6 | 8 + 3 = | 28 | 6 + 5 = | |
| 7 | 8 + 4 = | 29 | 6 + 6 = | |
| 8 | 8 + 9 = | 30 | 6 + 9 = | |
| 9 | 9 + 1 = | 31 | 5 + 5 = | |
| 10 | 9 + 4 = | 32 | 5 + 6 = | |
| 11 | 9 + 5 = | 33 | 5 + 7 = | |
| 12 | 9 + 8 = | 34 | 5 + 9 = | |
| 13 | 8 + 2 = | 35 | 4 + 6 = | |
| 14 | 8 + 5 = | 36 | 4 + 7 = | |
| 15 | 8 + 6 = | 37 | 4 + 9 = | |
| 16 | 8 + 8 = | 38 | 3 + 7 = | |
| 17 | 9 + 1 = | 39 | 3 + 9 = | |
| 18 | 9 + 7 = | 40 | 5 + 8 = | |
| 19 | 8 + 2 = | 41 | 2 + 8 = | |
| 20 | 8 + 7 = | 42 | 4 + 8 = | |
| 21 | 9 + 1 = | 43 | 1 + 9 = | |
| 22 | 9 + 6 = | 44 | 2 + 9 = | |



Correct _____



Lesson 4: Date: Represent equal groups with tape diagram, and relate to repeated addition.

11/20/13

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6.A.46

| B Add. | | Improvement | # Correct |
|------------------|---------|-------------|-----------|
| 1 | 8 + 2 = | 23 | 7 + 3 = |
| 2 | 8 + 3 = | 24 | 7 + 4 = |
| 3 | 8 + 4 = | 25 | 7 + 5 = |
| 4 | 8 + 8 = | 26 | 7 + 8 = |
| 5 | 9 + 1 = | 27 | 6 + 4 = |
| 6 | 9 + 2 = | 28 | 6 + 5 = |
| 7 | 9 + 3 = | 29 | 6 + 6 = |
| 8 | 9 + 8 = | 30 | 6 + 8 = |
| 9 | 8 + 2 = | 31 | 5 + 5 = |
| 10 | 8 + 5 = | 32 | 5 + 6 = |
| 11 | 8 + 6 = | 33 | 5 + 7 = |
| 12 | 8 + 9 = | 34 | 5 + 8 = |
| 13 | 9 + 1 = | 35 | 4 + 6 = |
| 14 | 9 + 4 = | 36 | 4 + 7 = |
| 15 | 9 + 5 = | 37 | 4 + 8 = |
| 16 | 9 + 9 = | 38 | 3 + 7 = |
| 17 | 9 + 1 = | 39 | 3 + 9 = |
| 18 | 9 + 7 = | 40 | 5 + 9 = |
| 19 | 8 + 2 = | 41 | 2 + 8 = |
| 20 | 8 + 7 = | 42 | 4 + 9 = |
| 21 | 9 + 1 = | 43 | 1 + 9 = |
| 22 | 9 + 6 = | 44 | 2 + 9 = |



Lesson 4:

Date:

Represent equal groups with tape diagram, and relate to repeated

addition. 11/20/13 6.A.47

Correct _____

| 1 | 9 + 2 = | 23 | 4 + 7 = | |
|----|----------|----|----------|--|
| 2 | 9 + 3 = | 24 | 4 + 8 = | |
| 3 | 9 + 4 = | 25 | 5 + 6 = | |
| 4 | 9 + 7 = | 26 | 5 + 7 = | |
| 5 | 7 + 9 = | 27 | 3 + 8 = | |
| 6 | 10 + 1 = | 28 | 3 + 9 = | |
| 7 | 10 + 2 = | 29 | 2 + 9 = | |
| 8 | 10 + 3 = | 30 | 5 + 10 = | |
| 9 | 10 + 8 = | 31 | 5 + 8 = | |
| 10 | 8 + 10 = | 32 | 9 + 6 = | |
| 11 | 8 + 3 = | 33 | 6 + 9 = | |
| 12 | 8 + 4 = | 34 | 7 + 6 = | |
| 13 | 8 + 5 = | 35 | 6 + 7 = | |
| 14 | 8 + 9 = | 36 | 8 + 6 = | |
| 15 | 9 + 8 = | 37 | 6 + 8 = | |
| 16 | 7 + 4 = | 38 | 8 + 7 = | |
| 17 | 10 + 5 = | 39 | 7 + 8 = | |
| 18 | 6 + 5 = | 40 | 6 + 6 = | |
| 19 | 7 + 5 = | 41 | 7 + 7 = | |
| 20 | 9 + 5 = | 42 | 8 + 8 = | |
| 21 | 5 + 9 = | 43 | 9 + 9 = | |
| 22 | 10 + 6 = | 44 | 4 + 9 = | |

Α

Add.



Lesson 7:

Date:

Represent arrays and distinguish rows and columns using math drawings.

11/20/13

| В | Add. | Improvemen | nt | # Correct |
|----|----------|------------|----------|-----------|
| 1 | 10 + 1 = | 23 | 5 + 6 = | |
| 2 | 10 + 2 = | 24 | 5 + 7 = | |
| 3 | 10 + 3 = | 25 | 4 + 7 = | |
| 4 | 10 + 9 = | 26 | 4 + 8 = | |
| 5 | 9 + 10 = | 27 | 4 + 10 = | |
| 6 | 9 + 2 = | 28 | 3 + 8 = | |
| 7 | 9 + 3 = | 29 | 3 + 9 = | |
| 8 | 9 + 4 = | 30 | 2 + 9 = | |
| 9 | 9 + 8 = | 31 | 5 + 8 = | |
| 10 | 8 + 9 = | 32 | 7 + 6 = | |
| 11 | 8 + 3 = | 33 | 6 + 7 = | |
| 12 | 8 + 4 = | 34 | 8 + 6 = | |
| 13 | 8 + 5 = | 35 | 6 + 8 = | |
| 14 | 8 + 7 = | 36 | 9 + 6 = | |
| 15 | 7 + 8 = | 37 | 6 + 9 = | |
| 16 | 7 + 4 = | 38 | 9 + 7 = | |
| 17 | 10 + 4 = | 39 | 7 + 9 = | |
| 18 | 6 + 5 = | 40 | 6 + 6 = | |
| 19 | 7 + 5 = | 41 | 7 + 7 = | |
| 20 | 9 + 5 = | 42 | 8 + 8 = | |
| 21 | 5 + 9 = | 43 | 9 + 9 = | |
| 22 | 10 + 8 = | 44 | 4 + 9 = | |



Lesson 7:

Date:

Represent arrays and distinguish rows and columns using math

drawings. 11/20/13 Subtract.

Α

| 1 | 11 - 10 = | 23 | 19 - 9 = | |
|----|-----------|----|-----------|--|
| 2 | 12 - 10 = | 24 | 15 - 6 = | |
| 3 | 13 - 10 = | 25 | 15 - 7 = | |
| 4 | 19 - 10 = | 26 | 15 - 9 = | |
| 5 | 11 - 1 = | 27 | 20 - 10 = | |
| 6 | 12 - 2 = | 28 | 14 - 5 = | |
| 7 | 13 - 3 = | 29 | 14 - 6 = | |
| 8 | 17 - 7 = | 30 | 14 - 7 = | |
| 9 | 11 - 2 = | 31 | 14 - 9 = | |
| 10 | 11 - 3 = | 32 | 15 - 5 = | |
| 11 | 11 - 4 = | 33 | 17 - 8 = | |
| 12 | 11 - 8 = | 34 | 17 - 9 = | |
| 13 | 18 - 8 = | 35 | 18 - 8 = | |
| 14 | 13 - 4 = | 36 | 16 - 7 = | |
| 15 | 13 - 5 = | 37 | 16 - 8 = | |
| 16 | 13 - 6 = | 38 | 16 - 9 = | |
| 17 | 13 - 8 = | 39 | 17 - 10 = | |
| 18 | 16 - 6 = | 40 | 12 - 8 = | |
| 19 | 12 - 3 = | 41 | 18 - 9 = | |
| 20 | 12 - 4 = | 42 | 11 - 9 = | |
| 21 | 12 - 5 = | 43 | 15 - 8 = | |
| 22 | 12 - 9 = | 44 | 13 - 7 = | |
| | | | | |



Lesson 8: Date:

Create arrays using square tiles with gaps.

11/20/13

Correct _____

Lesson 8 Sprint 2•6

| В | Subtract. | Improvemen | nt | # Correct |
|----|-----------|------------|-----------|-----------|
| 1 | 11 - 1 = | 23 | 16 - 6 = | |
| 2 | 12 - 2 = | 24 | 14 - 5 = | |
| 3 | 13 - 3 = | 25 | 14 - 6 = | |
| 4 | 18 - 8 = | 26 | 14 - 7 = | |
| 5 | 11 - 10 = | 27 | 14 - 9 = | |
| 6 | 12 - 10 = | 28 | 20 - 10 = | |
| 7 | 13 - 10 = | 29 | 15 - 6 = | |
| 8 | 18 - 10 = | 30 | 15 - 7 = | |
| 9 | 11 - 2 = | 31 | 15 - 9 = | |
| 10 | 11 - 3 = | 32 | 14 - 4 = | |
| 11 | 11 - 4 = | 33 | 16 - 7 = | |
| 12 | 11 - 7 = | 34 | 16 - 8 = | |
| 13 | 19 - 9 = | 35 | 16 - 9 = | |
| 14 | 12 - 3 = | 36 | 20 - 10 = | |
| 15 | 12 - 4 = | 37 | 17 - 8 = | |
| 16 | 12 - 5 = | 38 | 17 - 9 = | |
| 17 | 12 - 8 = | 39 | 16 - 10 = | |
| 18 | 17 - 7 = | 40 | 18 - 9 = | |
| 19 | 13 - 4 = | 41 | 12 - 9 = | |
| 20 | 13 - 5 = | 42 | 13 - 7 = | |
| 21 | 13 - 6 = | 43 | 11 - 8 = | |
| 22 | 13 - 9 = | 44 | 15 - 8 = | |



Lesson 8: Date: Create arrays using square tiles with gaps.

11/20/13

| A Add. | | | # Correct |
|------------------|---------|----|-----------|
| 1 | 9 + 1 = | 23 | 3 7 + 3 = |
| 2 | 9 + 2 = | 24 | 4 7 + 4 = |
| 3 | 9 + 3 = | 25 | 5 7 + 5 = |
| 4 | 9 + 9 = | 26 | 6 7 + 9 = |
| 5 | 8 + 2 = | 27 | 6 + 4 = |
| 6 | 8 + 3 = | 28 | 8 6 + 5 = |
| 7 | 8 + 4 = | 29 | 0 6 + 6 = |
| 8 | 8 + 9 = | 30 |) 6 + 9 = |
| 9 | 9 + 1 = | 31 | 5 + 5 = |
| 10 | 9 + 4 = | 32 | 2 5 + 6 = |
| 11 | 9 + 5 = | 33 | 3 5 + 7 = |
| 12 | 9 + 8 = | 34 | 5 + 9 = |
| 13 | 8 + 2 = | 35 | 5 4 + 6 = |
| 14 | 8 + 5 = | 36 | 6 4 + 7 = |
| 15 | 8 + 6 = | 37 | 4 + 9 = |
| 16 | 8 + 8 = | 38 | 3 3 + 7 = |
| 17 | 9 + 1 = | 39 | 3 + 9 = |
| 18 | 9 + 7 = | 40 |) 5 + 8 = |
| 19 | 8 + 2 = | 41 | 2 + 8 = |
| 20 | 8 + 7 = | 42 | 2 4 + 8 = |
| 21 | 9 + 1 = | 43 | 3 1 + 9 = |
| 22 | 9 + 6 = | 44 | 4 2 + 9 = |



Lesson 10: Date:

Use square tiles to compose a rectangle, and relate to the array model.

11/20/13

| B Add. | | Improvement | # Correct |
|------------------|---------|-------------|-----------|
| 1 | 8 + 2 = | 23 7 - | + 3 = |
| 2 | 8 + 3 = | 24 7 - | + 4 = |
| 3 | 8 + 4 = | 25 7 - | + 5 = |
| 4 | 8 + 8 = | 26 7 · | + 8 = |
| 5 | 9 + 1 = | 27 6 | + 4 = |
| 6 | 9 + 2 = | 28 6 | + 5 = |
| 7 | 9 + 3 = | 29 6 | + 6 = |
| 8 | 9 + 8 = | 30 6 | + 8 = |
| 9 | 8 + 2 = | 31 5 - | + 5 = |
| 10 | 8 + 5 = | 32 5 | + 6 = |
| 11 | 8 + 6 = | 33 5 - | + 7 = |
| 12 | 8 + 9 = | 34 5 - | + 8 = |
| 13 | 9 + 1 = | 35 4 - | + 6 = |
| 14 | 9 + 4 = | 36 4 - | + 7 = |
| 15 | 9 + 5 = | 37 4 - | + 8 = |
| 16 | 9 + 9 = | 38 3 - | + 7 = |
| 17 | 9 + 1 = | 39 3 - | + 9 = |
| 18 | 9 + 7 = | 40 5 | + 9 = |
| 19 | 8 + 2 = | 41 2 | + 8 = |
| 20 | 8 + 7 = | 42 4 | + 9 = |
| 21 | 9 + 1 = | 43 1 | + 9 = |
| 22 | 9 + 6 = | 44 2 | + 9 = |



Lesson 10: Date: Use square tiles to compose a rectangle, and relate to the array model.

| Α | | | | # Correct |
|---|-----------|------|----------|-----------|
| | Subtract. | | | |
| 1 | 10 - 5 = | 23 | 14 - 6 = | |
| 2 | 20 - 5 = | 24 | 24 - 6 = | |
| 3 | 30 - 5 = | 25 | 34 - 6 = | |
| 4 | 10 - 2 = | 26 | 15 - 7 = | |
| _ | | ~ - | | |

| 3 | 30 - 5 = | 25 | 34 - 6 = | |
|----|----------|----|----------|--|
| 4 | 10 - 2 = | 26 | 15 - 7 = | |
| 5 | 20 - 2 = | 27 | 25 - 7 = | |
| 6 | 30 - 2 = | 28 | 35 - 7 = | |
| 7 | 11 - 2 = | 29 | 11 - 4 = | |
| 8 | 21 - 2 = | 30 | 21 - 4 = | |
| 9 | 31 - 2 = | 31 | 31 - 4 = | |
| 10 | 10 - 8 = | 32 | 12 - 6 = | |
| 11 | 11 - 8 = | 33 | 22 - 6 = | |
| 12 | 21 - 8 = | 34 | 32 - 6 = | |
| 13 | 31 - 8 = | 35 | 21 - 6 = | |
| 14 | 14 - 5 = | 36 | 31 - 6 = | |
| 15 | 24 - 5 = | 37 | 12 - 8 = | |
| 16 | 34 - 5 = | 38 | 32 - 8 = | |
| 17 | 15 - 6 = | 39 | 21 - 8 = | |
| 18 | 25 - 6 = | 40 | 31 - 8 = | |
| 19 | 35 - 6 = | 41 | 28 - 9 = | |
| 20 | 10 - 7 = | 42 | 27 - 8 = | |
| 21 | 20 - 8 = | 43 | 38 - 9 = | |
| 22 | 30 - 9 = | 44 | 37 - 8 = | |
| | | | | |



Lesson 11: Date:

Use square tiles to compose a rectangle, and relate to the array model.

11/20/13

| В | Subtract. | Improvemer | nt | # Correct |
|----|-----------|------------|----------|-----------|
| 1 | 10 - 1 = | 23 | 13 - 5 = | |
| 2 | 20 - 1 = | 24 | 23 - 5 = | |
| 3 | 30 - 1 = | 25 | 33 - 5 = | |
| 4 | 10 - 3 = | 26 | 16 - 8 = | |
| 5 | 20 - 3 = | 27 | 26 - 8 = | |
| 6 | 30 - 3 = | 28 | 36 - 8 = | |
| 7 | 12 - 3 = | 29 | 12 - 5 = | |
| 8 | 22 - 3 = | 30 | 22 - 5 = | |
| 9 | 32 - 3 = | 31 | 32 - 5 = | |
| 10 | 10 - 9 = | 32 | 11 - 5 = | |
| 11 | 11 - 9 = | 33 | 21 - 5 = | |
| 12 | 21 - 9 = | 34 | 31 - 5 = | |
| 13 | 31 - 9 = | 35 | 12 - 7 = | |
| 14 | 13 - 4 = | 36 | 22 - 7 = | |
| 15 | 23 - 4 = | 37 | 11 - 7 = | |
| 16 | 33 - 4 = | 38 | 31 - 7 = | |
| 17 | 16 - 7 = | 39 | 22 - 9 = | |
| 18 | 26 - 7 = | 40 | 32 - 9 = | |
| 19 | 36 - 7 = | 41 | 38 - 9 = | |
| 20 | 10 - 6 = | 42 | 37 - 8 = | |
| 21 | 20 - 7 = | 43 | 28 - 9 = | |
| 22 | 30 - 8 = | 44 | 27 - 8 = | |



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Lesson 11: Date: Use square tiles to compose a rectangle, and relate to the array model.

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| 1 | 11 - 10 = | 23 | 19 - 9 = | |
|----|-----------|----|-----------|--|
| 2 | 12 - 10 = | 24 | 15 - 6 = | |
| 3 | 13 - 10 = | 25 | 15 - 7 = | |
| 4 | 19 - 10 = | 26 | 15 - 9 = | |
| 5 | 11 - 1 = | 27 | 20 - 10 = | |
| 6 | 12 - 2 = | 28 | 14 - 5 = | |
| 7 | 13 - 3 = | 29 | 14 - 6 = | |
| 8 | 17 - 7 = | 30 | 14 - 7 = | |
| 9 | 11 - 2 = | 31 | 14 - 9 = | |
| 10 | 11 - 3 = | 32 | 15 - 5 = | |
| 11 | 11 - 4 = | 33 | 17 - 8 = | |
| 12 | 11 - 8 = | 34 | 17 - 9 = | |
| 13 | 18 - 8 = | 35 | 18 - 8 = | |
| 14 | 13 - 4 = | 36 | 16 - 7 = | |
| 15 | 13 - 5 = | 37 | 16 - 8 = | |
| 16 | 13 - 6 = | 38 | 16 - 9 = | |
| 17 | 13 - 8 = | 39 | 17 - 10 = | |
| 18 | 16 - 6 = | 40 | 12 - 8 = | |
| 19 | 12 - 3 = | 41 | 18 - 9 = | |
| 20 | 12 - 4 = | 42 | 11 - 9 = | |
| 21 | 12 - 5 = | 43 | 15 - 8 = | |
| 22 | 12 - 9 = | 44 | 13 - 7 = | |



Subtract.

Correct _____



Lesson 14: Date:

11/20/13

Use scissors to partition a rectangle into same-size squares, and compose arrays with the squares.

6.C.59

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| В | Subtract. | Improvemen | t | # Correct |
|----|-----------|------------|-----------|-----------|
| 1 | 11 - 1 = | 23 | 16 - 6 = | |
| 2 | 12 - 2 = | 24 | 14 - 5 = | |
| 3 | 13 - 3 = | 25 | 14 - 6 = | |
| 4 | 18 - 8 = | 26 | 14 - 7 = | |
| 5 | 11 - 10 = | 27 | 14 - 9 = | |
| 6 | 12 - 10 = | 28 | 20 - 10 = | |
| 7 | 13 - 10 = | 29 | 15 - 6 = | |
| 8 | 18 - 10 = | 30 | 15 - 7 = | |
| 9 | 11 - 2 = | 31 | 15 - 9 = | |
| 10 | 11 - 3 = | 32 | 14 - 4 = | |
| 11 | 11 - 4 = | 33 | 16 - 7 = | |
| 12 | 11 - 7 = | 34 | 16 - 8 = | |
| 13 | 19 - 9 = | 35 | 16 - 9 = | |
| 14 | 12 - 3 = | 36 | 20 - 10 = | |
| 15 | 12 - 4 = | 37 | 17 - 8 = | |
| 16 | 12 - 5 = | 38 | 17 - 9 = | |
| 17 | 12 - 8 = | 39 | 16 - 10 = | |
| 18 | 17 - 7 = | 40 | 18 - 9 = | |
| 19 | 13 - 4 = | 41 | 12 - 9 = | |
| 20 | 13 - 5 = | 42 | 13 - 7 = | |
| 21 | 13 - 6 = | 43 | 11 - 8 = | |
| 22 | 13 - 9 = | 44 | 15 - 8 = | |



Lesson 14:

Use scissors to partition a rectangle into same-size squares, and compose arrays with the squares. 11/20/13

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Subtract.

Α

| 1 | 10 - 1 = | 23 | 21 - 6 = | |
|----|----------|----|----------|--|
| 2 | 10 - 2 = | 24 | 91 - 6 = | |
| 3 | 20 - 2 = | 25 | 10 - 7 = | |
| 4 | 40 - 2 = | 26 | 11 - 7 = | |
| 5 | 10 - 2 = | 27 | 31 - 7 = | |
| 6 | 11 - 2 = | 28 | 10 - 8 = | |
| 7 | 21 - 2 = | 29 | 11 - 8 = | |
| 8 | 51 - 2= | 30 | 41 - 8 = | |
| 9 | 10 - 3 = | 31 | 10 - 9 = | |
| 10 | 11 - 3 = | 32 | 11 - 9 = | |
| 11 | 21 - 3 = | 33 | 51 - 9 = | |
| 12 | 61 - 3 = | 34 | 12 - 3 = | |
| 13 | 10 - 4 = | 35 | 82 - 3 = | |
| 14 | 11 - 4 = | 36 | 13 - 5 = | |
| 15 | 21 - 4 = | 37 | 73 - 5 = | |
| 16 | 71 - 4 = | 38 | 14 - 6 = | |
| 17 | 10 - 5 = | 39 | 84 - 6 = | |
| 18 | 11 - 5 = | 40 | 15 - 8 = | |
| 19 | 21 - 5 = | 41 | 95 - 8 = | |
| 20 | 81 - 5 = | 42 | 16 - 7 = | |
| | | | | |

Correct _____

Use math drawings to partition a rectangle with square tiles, and relate to repeated addition.

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44

46 - 7 =

68 - 9 =

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10 - 6 =

11 - 6 =

21

22

CORE

| В | Subtract. | Improvement | # Correct |
|----|-----------|-------------|-----------|
| 1 | 10 - 2 = | 23 21 - 0 | 6 = |
| 2 | 20 - 2 = | 24 41 - 0 | 6 = |
| 3 | 30 - 2 = | 25 10 - | 7 = |
| 4 | 50 - 2 = | 26 11 - 7 | 7 = |
| 5 | 10 - 2 = | 27 51 - | 7 = |
| 6 | 11 - 2 = | 28 10 - 8 | 3 = |
| 7 | 21 - 2 = | 29 11 - 8 | 3 = |
| 8 | 61 - 2 = | 30 61 - 8 | 3 = |
| 9 | 10 - 3 = | 31 10 - 9 | 9 = |
| 10 | 11 - 3 = | 32 11 - 9 | 9 = |
| 11 | 21 - 3 = | 33 31 - 9 | 9 = |
| 12 | 71 - 3 = | 34 12 - 3 | 3 = |
| 13 | 10 - 4 = | 35 92 - 3 | 3 = |
| 14 | 11 - 4 = | 36 13 - 5 | 5 = |
| 15 | 21 - 4 = | 37 43 - 5 | 5 = |
| 16 | 81 - 4 = | 38 14 - 0 | 6 = |
| 17 | 10 - 5 = | 39 64 - 6 | 6 = |
| 18 | 11 - 5 = | 40 15 - 8 | 3 = |
| 19 | 21 - 5 = | 41 85 - 8 | 3 = |
| 20 | 91 - 5 = | 42 16 - 1 | 7 = |
| 21 | 10 - 6 = | 43 76 - 1 | 7 = |
| 22 | 11 - 6 = | 44 58 - 9 | 9 = |



Lesson 15: Date:

11/20/13

Use math drawings to partition a rectangle with square tiles, and relate to repeated addition.

Subtract.

Correct _____

| 1 | 10 - 3 = | 23 | 11 - 9 = | |
|----|----------|----|----------|--|
| 2 | 11 - 3 = | 24 | 12 - 9 = | |
| 3 | 12 - 3 = | 25 | 17 - 9 = | |
| 4 | 10 - 2 = | 26 | 10 - 8 = | |
| 5 | 11 - 2 = | 27 | 11 - 8 = | |
| 6 | 10 - 5 = | 28 | 12 - 8 = | |
| 7 | 11 - 5 = | 29 | 16 - 8 = | |
| 8 | 12 - 5 = | 30 | 10 - 6 = | |
| 9 | 14 - 5 = | 31 | 13 - 6 = | |
| 10 | 10 - 4 = | 32 | 15 - 6 = | |
| 11 | 11 - 4 = | 33 | 10 - 7 = | |
| 12 | 12 - 4 = | 34 | 13 - 7 = | |
| 13 | 13 - 4 = | 35 | 14 - 7 = | |
| 14 | 10 - 7 = | 36 | 16 - 7 = | |
| 15 | 11 - 7 = | 37 | 10 - 8 = | |
| 16 | 12 - 7 = | 38 | 13 - 8 = | |
| 17 | 15 - 7 = | 39 | 14 - 8 = | |
| 18 | 10 - 6 = | 40 | 17 - 8 = | |
| 19 | 11 - 6 = | 41 | 10 - 9 = | |
| 20 | 12 - 6 = | 42 | 13 - 9 = | |
| 21 | 14 - 6 = | 43 | 14 - 9 = | |
| 22 | 10 - 9 = | 44 | 18 - 9 = | |



COMMON CORE[®] Lesson 18: Date: Pair objects and skip-count to relate to even numbers.

. . .

| В | Subtract. | Improvement | | # Correct |
|----|-----------|-------------|----------|-----------|
| 1 | 10 - 2 = | 23 | 11 - 7 = | |
| 2 | 11 - 2 = | 24 | 12 - 7 = | |
| 3 | 10 - 4 = | 25 | 16 - 7 = | |
| 4 | 11 - 4 = | 26 | 10 - 9 = | |
| 5 | 12 - 4 = | 27 | 11 - 9 = | |
| 6 | 13 - 4 = | 28 | 12 - 9 = | |
| 7 | 10 - 3 = | 29 | 18 - 9 = | |
| 8 | 11 - 3 = | 30 | 10 - 5 = | |
| 9 | 12 - 3 = | 31 | 13 - 5 = | |
| 10 | 10 - 6 = | 32 | 10 - 6 = | |
| 11 | 11 - 6 = | 33 | 13 - 6 = | |
| 12 | 12 - 6 = | 34 | 14 - 6 = | |
| 13 | 15 - 6 = | 35 | 10 - 7 = | |
| 14 | 10 - 5 = | 36 | 13 - 7 = | |
| 15 | 11 - 5 = | 37 | 15 - 7 = | |
| 16 | 12 - 5 = | 38 | 10 - 8 = | |
| 17 | 14 - 5 = | 39 | 13 - 8 = | |
| 18 | 10 - 8 = | 40 | 14 - 8 = | |
| 19 | 11 - 8 = | 41 | 16 - 8 = | |
| 20 | 12 - 8 = | 42 | 10 - 9 = | |
| 21 | 17 - 8 = | 43 | 16 - 9 = | |
| 22 | 10 - 7 = | 44 | 17 - 9 = | |



Lesson 18: Date:

Pair objects and skip-count to relate to even numbers.

| | Add. | | | | |
|----|----------|----|---|----------|--|
| 1 | 9 + 2 = | 2 | 3 | 4 + 7 = | |
| 2 | 9 + 3 = | 2 | 4 | 4 + 8 = | |
| 3 | 9 + 4 = | 2 | 5 | 5 + 6 = | |
| 4 | 9 + 7 = | 2 | 6 | 5 + 7 = | |
| 5 | 7 + 9 = | 2 | 7 | 3 + 8 = | |
| 6 | 10 + 1 = | 2 | 8 | 3 + 9 = | |
| 7 | 10 + 2 = | 2 | 9 | 2 + 9 = | |
| 8 | 10 + 3 = | 3 | 0 | 5 + 10 = | |
| 9 | 10 + 8 = | 3 | 1 | 5 + 8 = | |
| 10 | 8 + 10 = | 3 | 2 | 9 + 6 = | |
| 11 | 8 + 3 = | 3 | 3 | 6 + 9 = | |
| 12 | 8 + 4 = | 3. | 4 | 7 + 6 = | |
| 13 | 8 + 5 = | 3 | 5 | 6 + 7 = | |
| 14 | 8 + 9 = | 3 | 6 | 8 + 6 = | |
| 15 | 9 + 8 = | 3 | 7 | 6 + 8 = | |
| 16 | 7 + 4 = | 3 | 8 | 8 + 7 = | |
| 17 | 10 + 5 = | 3 | 9 | 7 + 8 = | |
| 18 | 6 + 5 = | 4 | 0 | 6 + 6 = | |
| 19 | 7 + 5 = | 4 | 1 | 7 + 7 = | |
| 20 | 9 + 5 = | 4 | 2 | 8 + 8 = | |
| 21 | 5 + 9 = | 4 | 3 | 9 + 9 = | |
| 22 | 10 + 6 = | 4 | 4 | 4 + 9 = | |



Correct _____



Lesson 19: Date:

11/20/13

Investigate the pattern of even numbers: 0, 2, 4, 6, and 8 in the ones place, and relate to odd numbers.

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| B Add. | | Improvemer | nt | # Correct |
|-----------|----------|------------|----------|-----------|
| 1 | 10 + 1 = | 23 | 5 + 6 = | |
| 2 | 10 + 2 = | 24 | 5 + 7 = | |
| 3 | 10 + 3 = | 25 | 4 + 7 = | |
| 4 | 10 + 9 = | 26 | 4 + 8 = | |
| 5 | 9 + 10 = | 27 | 4 + 10 = | |
| 6 | 9 + 2 = | 28 | 3 + 8 = | |
| 7 | 9 + 3 = | 29 | 3 + 9 = | |
| 8 | 9 + 4 = | 30 | 2 + 9 = | |
| 9 | 9 + 8 = | 31 | 5 + 8 = | |
| 10 | 8 + 9 = | 32 | 7 + 6 = | |
| 11 | 8 + 3 = | 33 | 6 + 7 = | |
| 12 | 8 + 4 = | 34 | 8 + 6 = | |
| 13 | 8 + 5 = | 35 | 6 + 8 = | |
| 14 | 8 + 7 = | 36 | 9 + 6 = | |
| 15 | 7 + 8 = | 37 | 6 + 9 = | |
| 16 | 7 + 4 = | 38 | 9 + 7 = | |
| 17 | 10 + 4 = | 39 | 7 + 9 = | |
| 18 | 6 + 5 = | 40 | 6 + 6 = | |
| 19 | 7 + 5 = | 41 | 7 + 7 = | |
| 20 | 9 + 5 = | 42 | 8 + 8 = | |
| 21 | 5 + 9 = | 43 | 9 + 9 = | |
| 22 | 10 + 8 = | 44 | 4 + 9 = | |



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Investigate the pattern of even numbers: 0, 2, 4, 6, and 8 in the ones place, and relate to odd numbers. 11/20/13

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