



Answer Key

GRADE 4 • MODULE 1

Place Value, Rounding, and Algorithms for Addition and Subtraction

Lesson 1

Sprint

Side A

- | | | | |
|--------|---------|--------|---------|
| 1. 20 | 12. 70 | 23. 10 | 34. 8 |
| 2. 30 | 13. 80 | 24. 2 | 35. 7 |
| 3. 40 | 14. 90 | 25. 3 | 36. 9 |
| 4. 50 | 15. 100 | 26. 10 | 37. 6 |
| 5. 10 | 16. 8 | 27. 5 | 38. 8 |
| 6. 2 | 17. 7 | 28. 1 | 39. 110 |
| 7. 3 | 18. 9 | 29. 2 | 40. 11 |
| 8. 5 | 19. 6 | 30. 3 | 41. 3 |
| 9. 1 | 20. 10 | 31. 6 | 42. 12 |
| 10. 4 | 21. 5 | 32. 7 | 43. 140 |
| 11. 60 | 22. 1 | 33. 9 | 44. 14 |

Side B

- | | | | |
|---------|--------|--------|-----------|
| 1. 10 | 12. 60 | 23. 2 | 34. 7 |
| 2. 20 | 13. 70 | 24. 10 | 35. 8 |
| 3. 30 | 14. 80 | 25. 3 | 36. 9 |
| 4. 40 | 15. 90 | 26. 2 | 37. 6 |
| 5. 50 | 16. 7 | 27. 1 | 38. 7 |
| 6. 3 | 17. 6 | 28. 10 | 39. 110 |
| 7. 2 | 18. 8 | 29. 5 | 40. 11 |
| 8. 4 | 19. 10 | 30. 3 | 41. 1,200 |
| 9. 1 | 20. 9 | 31. 3 | 42. 12 |
| 10. 5 | 21. 1 | 32. 4 | 43. 130 |
| 11. 100 | 22. 5 | 33. 9 | 44. 13 |

Problem Set

1.
 - a. Chart accurately labeled; 30; 30; disks accurately drawn
 - b. Chart accurately labeled; 20; 200; disks accurately drawn
 - c. Chart accurately labeled; 40; 4,000; disks accurately drawn
2.
 - a. 10
 - b. 3; 3
 - c. Ten times as many
 - d. 2; explanations will vary.
3. 300; explanations will vary.
4. \$8,000; explanations will vary.
5.
 - a. 8
 - b. 40
 - c. 50
 - d. 10 times as many
6. 10

Exit Ticket

1. Chart accurately labeled
2. 4 hundreds; 40 hundreds; 4 thousands
3. 4 thousands is 10 times as many as 4 hundreds.

Homework

1.
 1. Chart accurately labeled; 40; 40; disks accurately drawn
 6. Chart accurately labeled; 20; 200; disks accurately drawn
 7. Chart accurately labeled; 50; 5,000; disks accurately drawn
2.
 - a. 10; 1
 - b. 6; 6
 - c. 10 times as many
 - d. 40; explanations will vary.
3. 600 GB; explanations will vary.
4. \$2,000; explanations will vary.
5.
 - a. 12
 - b. 90
 - c. 70
 - d. 10 times as many
6. 10

Lesson 2

Problem Set

- Chart accurately labeled; 20; 2 ten thousands; disks accurately drawn
 - Chart accurately labeled; 30; 3 hundred thousands; disks accurately drawn
 - Chart accurately labeled; 40; 4 hundreds; disks accurately drawn
- 60 tens; 600
70 hundreds; 7,000
3 hundreds; 300
6 thousands; 6,000
40 thousands; 40,000
- 4 hundreds 3 tens; 430
2 thousands 3 hundreds; 2,300
7 ten thousands 8 thousands; 78,000
6 hundreds 4 ones; 604
4 thousands 3 ones; 4,003
- Explanations will vary; chart proves answer.
- Explanations will vary; chart proves answer.
- \$24,600
- 4,590
- 900,000
 - The population of Planet Ruba is 10 times as many as Planet Zamba.

Exit Ticket

- 406,000
 - 802
- \$395,800

Homework

1.
 - a. Chart accurately labeled; 40; 4 ten thousands; disks accurately drawn
 - b. Chart accurately labeled; 40; 4 hundreds; disks accurately drawn
2. 30 tens; 300
50 hundreds; 5,000
9 thousands; 9,000
70 thousands; 70,000
3. 2 hundreds 1 tens; 210
5 thousands 5 hundreds; 5,500
2 hundreds 7 ones; 207
4 thousands 8 tens; 4,080
4.
 - a. \$9,500
 - b. \$95

Lesson 3

Sprint

Side A

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

Side B

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

Problem Set

- 1,234
 - 12,345
 - 123,456
 - 1,234,567
 - 12,345,678,901
- 100
1,000
1,000,000
12,000
- Disks accurately drawn; 5,100
 - Disks accurately drawn; 251,000
- Disks or numbers accurately represented; 30,000; 30
 - Disks or numbers accurately represented; 320,000; 320
 - Disks or numbers accurately represented; 321,040; 321
- Disks or numbers prove equivalency

Exit Ticket

- 9,304
 - 62,789
 - 108,953
- 27,300 accurately written; 27

Homework

- 4,321
 - 54,321
 - 224,466
 - 2,224,466
 - 10,010,011,001
- 100
1,000
12,000
- Disks accurately drawn; 3,200
 - Disks accurately drawn; 152,000
- Disks or numbers accurately represented; 50,000; 50
 - Disks or numbers accurately represented; 440,000; 440
 - Disks or numbers accurately represented; 273,050; 273
- Disks or numbers prove equivalent amounts

Lesson 4

Problem Set

- Units accurately labeled; 90,523 written in chart
 - Ninety thousand, five hundred twenty-three
 - $90,000 + 500 + 20 + 3$
- Units accurately labeled; 905,203 written in chart
 - Nine hundred five thousand, two hundred three
 - $900,000 + 5,000 + 200 + 3$
- 2,480; $2,000 + 400 + 80$

20,482; twenty thousand, four hundred eighty-two

64,106; $60,000 + 4,000 + 100 + 6$

Six hundred four thousand, sixteen; $600,000 + 4,000 + 10 + 6$

Nine hundred sixty thousand, sixty; $900,000 + 60,000 + 60$
- Both ways of reading 4,400 are acceptable; explanations will vary.

Exit Ticket

- Units accurately labeled
 - 806,302 written in chart
Eight hundred six thousand, three hundred two
- $100,000 + 60,000 + 500 + 80 + 2$

Homework

1.
 - a. Units accurately labeled; 50,679 written in chart
 - b. Fifty thousand, six hundred seventy-nine
 - c. $50,000 + 600 + 70 + 9$
2.
 - a. Units accurately labeled; 506,709 written in chart
 - b. Five hundred six thousand, seven hundred nine
 - c. $500,000 + 6,000 + 700 + 9$
3.

5,370; $5,000 + 300 + 70$

50,372; fifty thousand, three hundred seventy-two

39,701; $30,000 + 9,000 + 700 + 1$

Three hundred nine thousand, seventeen; $300,000 + 9,000 + 10 + 7$

Seven hundred seventy thousand, seventy; $700,000 + 70,000 + 70$
4. Answers and explanations will vary.

Lesson 5

Sprint

Side A

- | | | | |
|--------|--------|--------|--------|
| 1. 4 | 12. 28 | 23. 40 | 34. 36 |
| 2. 4 | 13. 28 | 24. 36 | 35. 16 |
| 3. 8 | 14. 32 | 25. 16 | 36. 12 |
| 4. 8 | 15. 32 | 26. 32 | 37. 8 |
| 5. 12 | 16. 36 | 27. 12 | 38. 28 |
| 6. 12 | 17. 36 | 28. 28 | 39. 32 |
| 7. 16 | 18. 40 | 29. 24 | 40. 44 |
| 8. 20 | 19. 40 | 30. 40 | 41. 44 |
| 9. 20 | 20. 12 | 31. 20 | 42. 48 |
| 10. 24 | 21. 4 | 32. 24 | 43. 48 |
| 11. 24 | 22. 8 | 33. 4 | 44. 52 |

Side B

- | | | | |
|--------|--------|--------|--------|
| 1. 4 | 12. 28 | 23. 36 | 34. 16 |
| 2. 4 | 13. 28 | 24. 12 | 35. 36 |
| 3. 8 | 14. 32 | 25. 32 | 36. 8 |
| 4. 8 | 15. 32 | 26. 16 | 37. 28 |
| 5. 12 | 16. 36 | 27. 28 | 38. 12 |
| 6. 12 | 17. 36 | 28. 20 | 39. 32 |
| 7. 16 | 18. 40 | 29. 24 | 40. 44 |
| 8. 20 | 19. 40 | 30. 20 | 41. 44 |
| 9. 20 | 20. 4 | 31. 40 | 42. 48 |
| 10. 24 | 21. 40 | 32. 4 | 43. 48 |
| 11. 24 | 22. 8 | 33. 24 | 44. 52 |

Problem Set

- Units accurately labeled; disks accurately drawn; $>$
 - Units accurately labeled; disks accurately drawn; $<$
- $>$
 - $>$
 - $=$
 - $<$
- 4,180 ft, 4,347 ft, 4,960 ft, 5,343 ft; Slide Mountain
- 820; 2,008; 2,080; 8,002; 8,200
- 728,000; 720,800; 708,200; 87,300
- Proxima Centauri 268,269 AUs, Alpha Centauri 275,725 AUs, 377,098 AUs, Sirius 542,774 AUs, Epsilon Eridani 665,282 AUs

Exit Ticket

- 2,398 points, 2,699 points, 2,709 points, 2,976 points; Bonnie
- Answers will vary.
 - Answers will vary.

Homework

- Units accurately labeled; disks accurately drawn; $>$
 - Units accurately labeled; disks accurately drawn; $<$
- $>$
 - $<$
 - $=$
 - $>$
- 1,450 ft, 1,483 ft, 1,670 ft, 1,776 ft; Freedom Tower
- 750; 5,007; 5,070; 7,505; 7,550
- 640,020; 426,000; 406,200; 46,600
- Nevada, Arizona, Montana, California, Texas, Alaska

Lesson 6

Problem Set

- Units accurately labeled; disks accurately drawn; 615,472
 - Units accurately labeled; disks accurately drawn; 381,036
 - Units accurately labeled; disks accurately drawn; 100,000 more
- 249,867 points; explanations will vary.
- 50,060
 - 11,195
 - 1,000,000
 - 29,231
 - 100,000
 - 1,000
- 160,010; 180,010; 200,010; explanations will vary.
 - 998,756; 698,756; 598,756; explanations will vary.
 - 742,369; 740,369; 739,369; explanations will vary.
 - 128,910; 108,910; 98,910; explanations will vary.

Exit Ticket

- 469,235; 470,235; 473,235; explanations will vary.
- 57,879
 - 224,560
 - 446,080
 - 796,233
- 209,782; explanations will vary.

Homework

1.
 - a. Units accurately labeled; disks accurately drawn; 460,313
 - b. Units accurately labeled; disks accurately drawn; 405,040
 - c. Units accurately labeled; disks accurately drawn; 100,000 more
2.
 - a. 176,960
 - b. 12,097
 - c. 839,000
 - d. 452,210
 - e. 1,000
 - f. 100,000
3.
 - a. 146,555; 148,555; 150,555; explanations will vary.
 - b. 754,321; 784,321; 794,321; explanations will vary.
 - c. 325,876; 525,876; 625,876; explanations will vary.
 - d. 264,445; 244,445; 234,445; explanations will vary.
4. \$64,098; explanations will vary.

Lesson 7

Problem Set

- 7,000
 - 9,000
 - 16,000
 - 40,000
 - 399,000
 - 840,000
- $5,572 \approx 6,000$; $8,147 \approx 8,000$; $10,996 \approx 11,000$; 25,000 km
- $12,748 \approx 13,000$; $11,702 \approx 12,000$; Tyler; explanations will vary.
- \$43,499; \$42,500

Exit Ticket

- 8,000
 - 13,000
 - 324,000
- Susie; explanations will vary.

Homework

- 6,000
 - 4,000
 - 33,000
 - 79,000
 - 251,000
 - 700,000
- $981 \approx 1,000$; explanations will vary.
- $\$5,990 \approx \$6,000$; $\$4,720 \approx \$5,000$; Sophia's family; explanations will vary.
- Incorrect; explanations will vary.

Lesson 8

Sprint

Side A

- | | | | |
|----------|-----------|-----------|-----------|
| 1. 5 | 12. 45 | 23. 6,500 | 34. 685 |
| 2. 50 | 13. 55 | 24. 650 | 35. 9,450 |
| 3. 500 | 14. 550 | 25. 65 | 36. 3,950 |
| 4. 15 | 15. 5,500 | 26. 265 | 37. 2,455 |
| 5. 150 | 16. 250 | 27. 9,265 | 38. 7,085 |
| 6. 1,500 | 17. 350 | 28. 85 | 39. 3,205 |
| 7. 35 | 18. 750 | 29. 95 | 40. 8,635 |
| 8. 350 | 19. 5,750 | 30. 995 | 41. 8,195 |
| 9. 450 | 20. 75 | 31. 9,995 | 42. 2,515 |
| 10. 25 | 21. 675 | 32. 445 | 43. 4,895 |
| 11. 35 | 22. 6,750 | 33. 8,350 | 44. 6,665 |

Side B

- | | | | |
|----------|-----------|-----------|-----------|
| 1. 15 | 12. 55 | 23. 7,500 | 34. 585 |
| 2. 150 | 13. 65 | 24. 750 | 35. 9,550 |
| 3. 1,500 | 14. 650 | 25. 75 | 36. 2,950 |
| 4. 25 | 15. 6,500 | 26. 275 | 37. 3,455 |
| 5. 250 | 16. 350 | 27. 9,275 | 38. 6,085 |
| 6. 2,500 | 17. 450 | 28. 85 | 39. 4,205 |
| 7. 45 | 18. 850 | 29. 95 | 40. 7,635 |
| 8. 450 | 19. 5,850 | 30. 995 | 41. 7,195 |
| 9. 550 | 20. 85 | 31. 9,995 | 42. 3,515 |
| 10. 35 | 21. 685 | 32. 455 | 43. 5,895 |
| 11. 45 | 22. 6,850 | 33. 8,450 | 44. 7,775 |

Problem Set

- 50,000; number line accurately models work.
 - 40,000; number line accurately models work.
 - 410,000; number line accurately models work.
- 200,000; number line accurately models work.
 - 400,000; number line accurately models work.
 - 1,000,000; number line accurately models work.
- 1,000,000; number line accurately models work.
- Possible digits are 0, 1, 2, 3, or 4; number line accurately models work.
- 370,000
 - 400,000

Exit Ticket

- 40,000; number line accurately models work.
 - 980,000; number line accurately models work.
- 100,000; number line accurately models work.
 - 1,000,000; number line accurately models work.
- 800,000

Homework

- 70,000; number line accurately models work.
 - 50,000; number line accurately models work.
 - 110,000; number line accurately models work.
- 900,000; number line accurately models work.
 - 800,000; number line accurately models work.
 - 600,000; number line accurately models work.
- 500,000; number line accurately models work.
- Possible digits are 0, 1, 2, 3, or 4; number line accurately models work.
- 380,000
 - 400,000

Lesson 9

Problem Set

- 5,000
 - 5,000
 - 42,000
 - 802,000
 - Explanations will vary.
- 30,000
 - 30,000
 - 790,000
 - 710,000
 - Explanations and numbers will vary.
- 800,000
 - 900,000
 - 800,000
 - 1,000,000
 - Explanations and numbers will vary.
- Explanations will vary.
 - Estimate is not reasonable; explanations will vary.
 - 30,000

Exit Ticket

- 766,000; 770,000; 800,000
- 17,000; explanations will vary.

Homework

- 7,000
 - 3,000
 - 16,000
 - 706,000
 - Explanations will vary.
- 90,000
 - 90,000
 - 790,000
 - 910,000
 - Explanations and numbers will vary.
- 100,000
 - 800,000
 - 600,000
 - 800,000
 - Explanations and numbers will vary.
- 849,999; 750,000
 - 404,999; 395,000
 - 30,499; 29,500

Lesson 10

Sprint

Side A

- | | | | |
|-------------|-------------|-------------|-------------|
| 1. 20,000 | 12. 40,000 | 23. 190,000 | 34. 160,000 |
| 2. 30,000 | 13. 140,000 | 24. 90,000 | 35. 20,000 |
| 3. 40,000 | 14. 40,000 | 25. 100,000 | 36. 920,000 |
| 4. 540,000 | 15. 60,000 | 26. 100,000 | 37. 40,000 |
| 5. 50,000 | 16. 460,000 | 27. 100,000 | 38. 60,000 |
| 6. 60,000 | 17. 20,000 | 28. 200,000 | 39. 700,000 |
| 7. 70,000 | 18. 30,000 | 29. 800,000 | 40. 240,000 |
| 8. 370,000 | 19. 40,000 | 30. 30,000 | 41. 710,000 |
| 9. 60,000 | 20. 240,000 | 31. 50,000 | 42. 190,000 |
| 10. 710,000 | 21. 80,000 | 32. 650,000 | 43. 780,000 |
| 11. 30,000 | 22. 180,000 | 33. 60,000 | 44. 440,000 |

Side B

- | | | | |
|-------------|-------------|-------------|-------------|
| 1. 10,000 | 12. 30,000 | 23. 190,000 | 34. 150,000 |
| 2. 20,000 | 13. 130,000 | 24. 90,000 | 35. 30,000 |
| 3. 30,000 | 14. 30,000 | 25. 100,000 | 36. 930,000 |
| 4. 530,000 | 15. 50,000 | 26. 100,000 | 37. 30,000 |
| 5. 40,000 | 16. 350,000 | 27. 100,000 | 38. 50,000 |
| 6. 50,000 | 17. 30,000 | 28. 200,000 | 39. 600,000 |
| 7. 60,000 | 18. 40,000 | 29. 800,000 | 40. 140,000 |
| 8. 360,000 | 19. 50,000 | 30. 20,000 | 41. 610,000 |
| 9. 50,000 | 20. 250,000 | 31. 40,000 | 42. 180,000 |
| 10. 610,000 | 21. 70,000 | 32. 640,000 | 43. 890,000 |
| 11. 20,000 | 22. 170,000 | 33. 50,000 | 44. 440,000 |

Problem Set

1.
 - a. 544,000
 - b. 540,000
 - c. 500,000
2.
 - a. 2,800
 - b. 32,900
 - c. 132,900
 - d. 6,000
 - e. 37,000
 - f. 101,000
3.
 - g. 40,000
 - h. 50,000
 - i. 1,000,000
 - j. 400,000
 - k. 400,000
 - l. 900,000
3. No; explanations will vary.
4. Answers and explanations will vary.
5. 70,000; 7,000; \approx 10 trips

Exit Ticket

1.
 - a. 599,000; 600,000; 600,000
 - b. Explanations will vary.
2. Answers and explanations will vary.

Homework

1.
 - a. 845,000
 - b. 850,000
 - c. 800,000
2.
 - a. 800
 - b. 12,800
 - c. 951,200
 - d. 1,000
 - e. 65,000
 - f. 99,000
3.
 - g. 60,000
 - h. 80,000
 - i. 900,000
 - j. 900,000
 - k. 500,000
 - l. 700,000
3.
 - a. Answers and explanations will vary.
 - b. Answers and explanations will vary.
 - c. Answers and explanations will vary.

Lesson 11

Problem Set

- | | | | |
|----|------------|----|---------|
| 1. | a. 6,579 | 2. | 240,029 |
| | b. 7,579 | 3. | 4,485 |
| | c. 7,582 | 4. | 31,318 |
| | d. 8,807 | | |
| | e. 10,807 | | |
| | f. 17,841 | | |
| | g. 58,146 | | |
| | h. 106,538 | | |
| | i. 901,256 | | |
| | j. 1,554 | | |
| | k. 286,026 | | |

Exit Ticket

- | | | | |
|----|-----------|----|--------|
| 1. | a. 25,914 | 2. | 54,427 |
| | b. 4,226 | | |
| | c. 8,080 | | |

Homework

- | | | | |
|----|--------------|----|--------------|
| 1. | a. 8,953 | 2. | a. 15,123 lb |
| | b. 37,649 | | b. 17,353 lb |
| | c. 870,898 | | c. 20,020 lb |
| | d. 301,050 | | d. 5,020 lb |
| | e. 662,831 | | |
| | f. 380,880 | | |
| | g. 119,714 | | |
| | h. 381,848 | | |
| | i. 1,000,000 | | |

Lesson 12

Problem Set

- 330
 - 337
 - Explanations will vary.
- 3,000
 - 2,918
 - Explanations will vary.
- 44,000
 - 44,020
 - Explanations will vary.
- 53,443
 - 54,000; Explanations will vary.

Exit Ticket

- \$31,771; explanations will vary.

Homework

- 24,000
 - 23,613
 - Explanations will vary.
- 157,593
 - 157,000; explanations will vary.
- 30,238
 - Explanations will vary.

Lesson 13

Problem Set

- 4,023
 - 4,023
 - 2,208
 - 4,190
 - 6,030
 - 2,523
 - 9,010
 - 227,110
 - 98,220
- 12,009
 - 471 y
 - 52,411 lb
 - 109,014 mi

Exit Ticket

- 6,011
 - 13,920
 - 6,511
- 7,050

Homework

- 2,090
 - 408,110
 - 330,011
 - 30,011
 - 890,130
 - 106,010
 - 1,511
 - 371,631
- 24,717
- 1,922
- \$312,571
- 390,211
 - 204,110

Lesson 14

Problem Set

- 1,090
 - 990
 - 47,984
 - 988
 - 93,189
 - 92,979
 - 2,889
 - 49,979
 - 92,943
- 57,600 s
 - 284,700
 - 1,816
 - \$10,909

Exit Ticket

- 13,589
- 29,464
- 356

Homework

- 50,497
 - 275,497
 - 345,897
 - 158,497
 - 90,517
 - 858,919
 - 857,011
 - 87,897
 - 258,989
- 212,181 lb
 - 92,944
 - 361,200 lb

Lesson 15

Problem Set

- 9,980
 - 91,680
 - 197,859
 - 167,574
 - 408,000
 - 407,500
 - 8,089
 - 7,431
- 3,679 mi
- 227,367 gal
- \$929

Exit Ticket

- 176,035
- 84,369

Homework

- 8,818
 - 53,776
 - 179,667
 - 127,780
 - 55,061
 - 197,750
 - 720,511
 - 755,000
 - 523,836
- 7,919 mi
- 598,909
- \$674,700
- 18,647 g

Lesson 16

Sprint

Side A

- | | | | |
|---------|---------|---------|-----------|
| 1. 200 | 12. 140 | 23. 102 | 34. 260 |
| 2. 300 | 13. 190 | 24. 103 | 35. 375 |
| 3. 400 | 14. 195 | 25. 104 | 36. 633 |
| 4. 900 | 15. 185 | 26. 107 | 37. 809 |
| 5. 100 | 16. 184 | 27. 207 | 38. 470 |
| 6. 700 | 17. 173 | 28. 307 | 39. 735 |
| 7. 500 | 18. 162 | 29. 807 | 40. 417 |
| 8. 800 | 19. 262 | 30. 804 | 41. 604 |
| 9. 600 | 20. 762 | 31. 409 | 42. 1,004 |
| 10. 120 | 21. 527 | 32. 608 | 43. 1,040 |
| 11. 130 | 22. 387 | 33. 903 | 44. 1,184 |

Side B

- | | | | |
|---------|---------|---------|-----------|
| 1. 100 | 12. 130 | 23. 101 | 34. 250 |
| 2. 200 | 13. 170 | 24. 102 | 35. 385 |
| 3. 300 | 14. 175 | 25. 103 | 36. 631 |
| 4. 700 | 15. 165 | 26. 109 | 37. 607 |
| 5. 500 | 16. 164 | 27. 209 | 38. 460 |
| 6. 900 | 17. 153 | 28. 309 | 39. 725 |
| 7. 400 | 18. 142 | 29. 709 | 40. 413 |
| 8. 800 | 19. 242 | 30. 704 | 41. 602 |
| 9. 600 | 20. 842 | 31. 408 | 42. 1,003 |
| 10. 110 | 21. 529 | 32. 603 | 43. 1,030 |
| 11. 120 | 22. 389 | 33. 905 | 44. 1,148 |

Problem Set

- 19,000 lb
 - 19,190 lb
 - Explanations will vary.
- 500,000 gal
 - 597,420 gal
 - Explanations will vary.
- 53,000 mi
 - 53,558 mi
 - Explanations will vary.
- 10,994; explanations will vary.
- 78,497 lb; explanations will vary.

Exit Ticket

- 64,000
- 63,213
- Explanations will vary.

Homework

- 40,000
 - 40,699
 - Explanations will vary.
- 700,000
 - 601,801
 - Explanations will vary.
- 19,999; explanations will vary.

Lesson 17

Problem Set

1. \$13,838
2. 290,694
3. 1,125 kg
4. 150 m

Exit Ticket

476 mL

Homework

1. 278
2. 9,484 L
3. 160 in

Lesson 18

Problem Set

1. 21,550 m
2. 46,303
3. 40,284

Exit Ticket

1. 16,939 sq km
2. Answers will vary.

Homework

1. 124,867
2. 31,504
3. 2,210

Lesson 19

Problem Set

1. Word problems will vary; 1,827
2. Word problems will vary; 521,565
3. Word problems will vary; 23,110
4. Tape diagram models the equation; word problems will vary; 5,394

Exit Ticket

1. Word problems will vary; 60,209
2. Tape diagram models the equation; word problems will vary; 35,656

Homework

1. Word problems will vary; 1,972
2. Word problems will vary; 93,168
3. Word problems will vary; 94,851
4. Tape diagram models the equation; word problems will vary; 5,606