



## Answer Key

# GRADE 1 • MODULE 2

## Introduction to Place Value Through Addition and Subtraction Within 20

## Lesson 1

### Problem Set

1. Answer provided; 16; 6, 16; 16
2. Drawing with 10 circled; 4, 7, 3, 14; 4, 14; 14
3. Drawing with 10 circled; 3, 2, 8, 13; 3, 13; 13
4. Drawing with 10 circled; 4, 2, 6, 12; 2, 12; 12

### Exit Ticket

Drawing with 10 circled; 2, 4, 8, 14; 4, 14; 14

### Homework

1. Drawing with 10 circled; 5, 6, 4, 15; 5, 15; 15
2. Drawing with 10 circled; 5, 7, 5, 17; 7, 17; 17
3. Drawing with 10 circled; 7, 6, 3, 16; 6, 16; 16
4. Drawing with 10 circled; 4, 9, 1, 14; 10, 4, 14; 14

## Lesson 2

### Problem Set

1. Partial answer provided; 4, 14
2. Numbers circled; picture drawn; 9, 1, 4; 4, 14
3. Numbers circled; picture drawn; 5, 5, 6; 6, 16
4. Numbers circled; picture drawn; 3, 7, 4; 4, 14
5. Numbers circled; picture drawn; 2, 8, 7; 7, 17
6. Partial answer provided; 15
7. 8 and 2 circled into a number bond; 14
8. 5 and 5 circled into a number bond; 13
9. 3 and 7 circled into a number bond; 16

### Exit Ticket

- a. 8 and 2 circled; picture drawn; 13; 2, 8, 10; 3, 13
- b. 7 and 3 circled; picture drawn; 14; 3, 7, 10; 4, 14

### Homework

1. Partial answer provided; 4; 2, 12
2. 5 and 5 circled; picture drawn; 10, 5, 5, 3; 3, 13
3. 2 and 8 circled; picture drawn; 10, 5, 2, 8; 5, 15
4. 7 and 3 circled; picture drawn; 10, 2, 3, 7; 2, 12
5. Partial answer provided; 15; 10, 5, 15
6. 8 and 2 circled into a number bond of 10; 14; 10, 4, 14

Challenge:

- a. Sentence circled
- b. 4, 6 circled; sentence circled
- c. 3, 7 circled
- d. 2, 8 circled; sentence circled

## Lesson 3

### Problem Set

1. 10 circled; 6, 15; 5, 15; 15
2. 10 circled in drawing; 4, 13; 3, 13; 13
3. 10 circled in drawing; 3, 12; 2, 12; 12
4. 10 circled in drawing; 7, 16; 6, 16; 16

### Exit Ticket

10 circled in drawing; 9, 4, 13; 10, 3, 13; 13

### Homework

1. 10 circled in drawing; 4, 13; 3, 13; 13
2. 10 circled in drawing; 5, 14; 4, 14; 14
3. 10 circled in drawing; 6, 15; 5, 15; 15
4. 10 circled in drawing; 7, 16; 6, 16; 16
5. 10 circled in drawing; 8, 17; 7, 17; 17

## Lesson 4

### Sprint

#### Side A

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

#### Side B

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

**Problem Set**

1. Partial answer provided; 1, 4, 14; 4, 14
2. 10 circled; 1, 2; 2, 12
3. 10 circled; 3, 1; 3, 13
4. 1, 4; 14; 10, 4, 14; picture drawn
5. 5, 1; 15; 10, 5, 15; picture drawn
6. 7, 1; 17; 10, 7, 17; picture drawn
7. Numbers circled into a number bond; 4, 1; 14
8. Numbers circled into a number bond; 16, 1, 6

**Exit Ticket**

1. 15; 5, 15; picture drawn
2. 13; 10, 3, 13; picture drawn

**Homework**

1. 1, 2; 12; 10, 2, 12; picture drawn
2. 1, 5; 15; 10, 5, 15; picture drawn
3. 6, 1; 16; 10, 6, 16; picture drawn
4.
  - a. 17; matched with 1, 7
  - b. 15; matched with 1, 5
  - c. 16; matched with 6, 1
5.
  - a. 1, 1; number sentence circled; picture drawn
  - b. 1, 3; picture drawn
  - c. 5, 1; picture drawn

## Lesson 5

### Problem Set

- 1, 2; 12; 2, 12; 12
- 1, 3; 13; 3, 13
- 1, 1; 11; 10, 1, 11
- 1, 4; 14; 10, 4, 14
- 1, 3; 13; 10, 3, 13
- 1, 6; 16; 10, 6, 16
- 8, 1, 7; 17; 17
- 11; 10, 1
  - 11; 9, 2
- 18; 10, 8
  - 18; 9, 9
- 17; 10, 7, 17
  - 17; 9, 8, 17
- 15; 15, 10, 5
  - 15; 15, 6, 9
- 16; 10, 6, 16
  - 16; 7, 9, 16

### Exit Ticket

- Most efficient solution shown; 11
- Most efficient solution shown; 16
- Most efficient solution shown; 14

### Homework

- 15; 5, 15; number bond shows 5, 10, 15
- 17; 10, 7, 17; number bond shows 7, 10, 17
- 14; 10, 4, 14; number bond shows 4, 10, 14
- 16; 10, 6, 16; number bond shows 6, 10, 16
- 14; matched with 10, 4, 14
  - 15; matched with 5, 10, 15
  - 17; matched with 7, 10, 17
- Most efficient strategy shown; 16
- Most efficient strategy shown; 11
- Most efficient strategy shown; 10
- Most efficient strategy shown; 17
- Most efficient strategy shown; 13
- Most efficient strategy shown; 18

## Lesson 6

### Problem Set

1. Answer provided
2. 1, 5; 15; 5, 1; 15; 10, 5, 15
3. 6, 1; 16; 1, 6; 16; 10, 6, 16
4. 13; 10, 3, 13
5. 12; 10, 2, 12
6. 14; 10, 4, 14
7.
  - a. Answer provided
  - b.  $10 + 4$
  - c.  $10 + 5$
  - d.  $10 + 7$
  - e.  $10 + 6$
  - f.  $10 + 0$
8.
  - a. 12
  - b. 16
  - c. 4
  - d. 12
  - e. 13
  - f. 5
  - g. 19
  - h. 17
  - i. 10
  - j. 14
  - k. 8
  - l. 8
  - m. 16
  - n. 7

### Exit Ticket

1. 1, 4, 14; 14; 4, 14
2.
  - a.  $16; 7 + 9 = 16; 10 + 6 = 16$
  - b.  $15; 9 + 6 = 15; 10 + 5 = 15$
  - c.  $17; 17 = 9 + 8; 10 + 7 = 17$



**Homework**

1.
  - a. 15;  $6 + 9 = 15$ ; answer provided
  - b. 12;  $9 + 3 = 12$ ;  $10 + 2 = 12$
  - c. 14;  $5 + 9 = 14$ ;  $10 + 4 = 14$
  - d. 17;  $17 = 9 + 8$ ;  $10 + 7 = 17$
  - e. 16;  $16 = 7 + 9$ ;  $10 + 7 = 17$
2.
  - a. 13
  - b. 13
  - c. 15
  - d. 15
  - e. 17
  - f. 16
  - g. 8
  - h. 17
  - i. 10
  - j. 14
3.
  - a. 9 + 4 colored; answer provided;  $9 + 4$
  - b. 9 + 5 colored;  $10 + 6 = 9 + 5$
  - c. 8 + 9 colored;  $10 + 7 = 8 + 9$
  - d. 9 + 9 colored;  $10 + 8 = 9 + 9$

## Lesson 7

### Fluency Practice

- |      |       |       |
|------|-------|-------|
| 1. 0 | 9. 2  | 17. 4 |
| 2. 3 | 10. 6 | 18. 5 |
| 3. 2 | 11. 1 | 19. 7 |
| 4. 4 | 12. 3 | 20. 8 |
| 5. 3 | 13. 5 | 21. 4 |
| 6. 1 | 14. 6 | 22. 8 |
| 7. 6 | 15. 8 | 23. 9 |
| 8. 4 | 16. 5 | 24. 7 |

### Problem Set

- 10 circled; 5, 13; 3, 13; 13
- Picture drawn showing 8 and 4; 10 circled; 4, 12; 2, 12; 12
- Picture drawn showing 3 and 8; 10 circled; 3, 11; 1, 11; 11
- Picture drawn showing 7 and 8; 10 circled; 7, 15; 5, 15; 15

### Exit Ticket

Picture drawn and labeled showing 5 and 8; 10 circled; 5, 13; 3, 13; 13

### Homework

- Picture drawn and labeled showing 4 and 8; 10 circled; 12; 2, 12; 12
- Picture drawn and labeled showing 6 and 8; 10 circled; 8, 6, 14; 10, 4, 14; 14
- Picture drawn and labeled showing 7 and 8; 10 circled; 8, 7, 15; 10, 5, 15; 15
- Picture drawn and labeled showing 9 and 8; 10 circled; 9, 8, 17; 10, 7, 17; 17

## Lesson 8

### Sprint

#### Side A

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

#### Side B

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

**Problem Set**

1. Partial answer provided; 2, 3; 13; 3, 13
2. 10 circled; 2, 1; 11; 1, 11
3. 10 circled; 2, 2; 12; 2, 12
4. Picture drawn; 2, 2; 12; 10, 2, 12
5. Picture drawn; 4, 2; 14; 10, 4, 14
6. Picture drawn; 2, 3; 13; 10, 3, 13
7. 3, 2; 13
8. 15; 2, 5

**Exit Ticket**

1. Picture drawn; 14; 4, 14
2. Picture drawn; 12; 10, 2, 12

**Homework**

1. Picture drawn; 2, 2; 12; 10, 2, 12
2. Picture drawn; 2, 4; 14; 10, 4, 14
3. Picture drawn; 5, 2; 15; 10, 5, 15
4.
  - a. Picture drawn; 2, 2; circled
  - b. Picture drawn; 2, 6; circled
  - c. Picture drawn; 5, 2; crossed out
  - d. Picture drawn; 3, 2; crossed out
  - e. Picture drawn; 2, 1; crossed out
  - f. Picture drawn; 7, 1; circled

## Lesson 9

### Problem Set

- 2, 1; 11; 1, 11; 11
- 2, 2; 12; 2, 12
- 2, 3; 13; 10, 3, 13
- 2, 5; 15; 10, 5, 15
- 2, 2; 12; 10, 2, 12
- 5, 2; 15; 10, 5, 15
- 7, 1; 9; 10, 7, 17
- 11; 10, 1
  - 11; 8, 3
- 15; 10, 5
  - 15; 8, 7
- 16; 6, 10; 16
  - 16; 8, 8; 16
- 12; 12; 2, 10
  - 12; 12; 4, 8
- 14; 4, 10; 14
  - 14; 6, 8; 14

### Exit Ticket

- Picture drawn showing 10; 11; 1, 11
- 14; 14; 6, 8
  - 4; 14; 10, 4

### Homework

- 2, 1; 11; 1, 11
- 4, 2; 14; 4, 14
- 2, 6; 16; 16, 6
- 13; 3, 2; 13, 3
- 15; 7, 8
  - 15; 15; 5, 10
- 8; 16; 8, 8
  - 16; 16; 6, 10
- 17; 17; 8, 9
  - 17; 17; 7, 10
- $10 + 1 = 11$
- $13 = 10 + 3$
- $8 + 6 = 14$

## Lesson 10

### Problem Set

- 13; 3, 13
- 14; 4, 14
- 11; 1, 11
- Answer provided.
  - $10 + 3$
  - $10 + 5$
  - $10 + 7$
  - $10 + 1$
  - $10 + 4$
- 11
  - 12
  - 12
- 14
  - 11
  - 13
- 15
  - 14
  - 11
- 16
  - 13
  - 14
- 8
  - 8
  - 9
- 6
  - 7
  - 10

### Exit Ticket

- 14; 4, 14
- 12; 2, 12
- 13; 3, 13

### Homework

- 14; matched with 14-10-4 bond;  $10 + 4 = 14$
- 12; matched with 12-10-2 bond;  $10 + 2 = 12$
- 13; matched with 13-10-3 bond;  $10 + 3 = 13$
- 11; matched with 11-10-1 bond;  $10 + 1 = 11$
- 15; matched with 15-10-5 bond;  $10 + 5 = 15$
- 12; 3; 4; 5
- 4; 5; 6
- 5; 6; 7
- 15; 6; 15, 7; 15, 8
- 7; 16, 8; 9, 16
- 17; 17; 17, 9; 17, 10

## Lesson 11

### Sprint

#### Side A

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

#### Side B

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

**Problem Set**

1. Student work (a), (b), (d), (e), (f) circled
2. Answers will vary.
3. Drawings will vary;  $4 + 8 = 12$
4. Drawings will vary;  $5 + 7 = 12$

**Exit Ticket**

1. Problem solved and most efficient solution circled;  $5 + 8 = 13$

**Homework**

1. Joe's work corrected to show number bond of 1, 6;  $9 + 7 = 16$
2. Lori's work corrected to show number bond of 5, 3;  $8 + 5 = 13$
3. Joe's work corrected to show the number sentence to match the drawing;  $6 + 7 = 13$
4. Frank's work corrected to show number bond of 1, 7;  $9 + 8 = 17$



## Lesson 12

### Problem Set

- 7
- Groups of 10 and 2 drawn; 9 crossed off; 3
- Groups of 10 and 4 drawn; 9 crossed off; 5
- Number bond shows 15, 10, 5; groups of 10 and 5 drawn; 9 crossed off; 6
- Number bond shows 17, 10, 7; groups of 10 and 7 drawn; 9 crossed off; 8
- Number bond shows 18, 10, 8; groups of 10 and 8 drawn; 9 crossed off; 9

### Exit Ticket

Number bond shows 16, 10, 6; groups of 10 and 6 drawn; 9 crossed off from dinosaur books; 7

### Homework

- Number bond shows 15, 10, 5; groups of 10 and 5 drawn; 9 crossed off from eating nuts; 6
- Number bond shows 17, 10, 7; groups of 10 and 7 drawn; 9 crossed off from the leaf; 8
- Groups of 10 and 3 drawn; 9 crossed off from the sleeping ants; 13, 3; 4
- Groups of 10 and 4 drawn; answers will vary.

## Lesson 13

### Problem Set

- 9 crossed off; 4
- 5-group rows showing 15; 9 crossed off; number bond shows 10, 5; 6
- 5-group rows showing 17; 9 crossed off; number bond shows 17, 10, 7; 8
- 7; number bond showing 16, 10, 6; 5-group rows showing 16; 9 crossed off;  $16 - 9 = 7$
- 3; number bond showing 12, 10, 2; 5-group rows showing 12; 9 crossed off;  $12 - 9 = 3$
- 10; number bond showing 19, 10, 9; 5-group rows showing 19; 9 crossed off;  $19 - 9 = 10$

### Exit Ticket

Number bond showing 14, 10, 4; 5-group rows showing 14; 9 crossed off; 5

### Homework

- 11; 9 crossed off;  $11 - 9 = 2$ ; 2
- 5-group rows showing 19; 9 crossed off; number bond showing 19, 10, 9;  $19 - 9 = 10$ ; 10
- 5-group rows showing 18; 9 crossed off; number bond showing 18, 10, 8;  $18 - 9 = 9$ ; 9
- 14; 5-group rows showing 14; 9 crossed off; 14, 10;  $14 - 10 = 4$ ; 4

## Lesson 14

### Sprint

#### Side A

- |       |       |        |
|-------|-------|--------|
| 1. 1  | 11. 2 | 21. 5  |
| 2. 2  | 12. 8 | 22. 10 |
| 3. 4  | 13. 9 | 23. 9  |
| 4. 3  | 14. 1 | 24. 8  |
| 5. 4  | 15. 0 | 25. 3  |
| 6. 5  | 16. 5 | 26. 4  |
| 7. 4  | 17. 4 | 27. 1  |
| 8. 6  | 18. 3 | 28. 2  |
| 9. 7  | 19. 7 | 29. 3  |
| 10. 3 | 20. 6 | 30. 8  |

#### Side B

- |       |        |        |
|-------|--------|--------|
| 1. 2  | 11. 4  | 21. 7  |
| 2. 1  | 12. 6  | 22. 10 |
| 3. 2  | 13. 7  | 23. 9  |
| 4. 1  | 14. 3  | 24. 8  |
| 5. 3  | 15. 5  | 25. 7  |
| 6. 1  | 16. 10 | 26. 8  |
| 7. 2  | 17. 9  | 27. 0  |
| 8. 3  | 18. 8  | 28. 1  |
| 9. 7  | 19. 9  | 29. 2  |
| 10. 3 | 20. 8  | 30. 8  |

**Problem Set**

1. Number sentences on the left appropriately matched with pictures
2. Group of 10 circled; 3
3. Group of 10 circled; 5
4. Group of 10 circled; 6
5. Group of 10 circled; 4
6. Group of 10 circled; 7
7. Group of 10 circled; 8
8. Group of 10 drawn and circled; 3
9. Group of 10 drawn and circled; 4
10. Group of 10 drawn and circled; 5
11. Group of 10 drawn and circled; 6

**Exit Ticket**

1. Group of 10 drawn and circled; number bond showing 17, 9, 8; 8
2. Group of 10 drawn and circled; number bond showing 14, 9, 5; 5
3. Group of 10 drawn and circled; number bond showing 15, 9, 6; 6
4. Group of 10 drawn and circled; number bond showing 18, 9, 9; 9

**Homework**

1. Group of 10 circled; number bond showing 15, 9, 6; 6
2. Group of 10 drawn and circled; number bond showing 14, 9, 5; 5
3. Group of 10 drawn and circled; number bond showing 12, 9, 3; 3
4. Group of 10 drawn and circled; number bond showing 13, 9, 4; 4
5. Group of 10 drawn and circled; number bond showing 16, 9, 7; 7
6.
  - a. 4;  $1 + 3 = 4$
  - b. 5;  $1 + 4 = 5$
  - c. 6;  $1 + 5 = 6$
  - d. 7;  $1 + 6 = 7$
7. Number bond drawn showing 17, 9, 8;  $9 + 8 = 17$

## Lesson 15

### Problem Set

1. Number sentences appropriately matched to pictures
2. 5-group rows drawn; 9 crossed off; 2
3. 5-group rows drawn; 9 crossed off; 4
4. 5-group rows drawn; 9 crossed off; 7
5. 5-group rows drawn; 9 crossed off; 8
6. 5-group rows drawn; 9 crossed off; 5
7. 5-group rows drawn; 9 crossed off; 4
8. 5-group rows drawn; 9 crossed off; 3
9. 5-group rows drawn; 9 crossed off; 6
10. a. 5-group rows drawn showing 10 and 4; 14  
b. 5-group rows drawn; 9 crossed off; 5
11.  $14, 9, 5; 9 + 5 = 14; 14 - 5 = 9$

### Exit Ticket

1. 5-group rows drawn; 9 crossed off; 8
2. 5-group rows drawn; 9 crossed off; 10

### Homework

1. Answer provided.  
 $16 - 9 = 7$   
 $19 - 9 = 10$   
 $17 - 9 = 8$   
 $18 - 9 = 9$   
 $14 - 9 = 5$
2. 5-groups drawn; 6;  $15 - 9 = 6$
3. 5-groups drawn; 8;  $17 - 9 = 8$
4. 5-groups drawn; 7;  $16 - 9 = 7$
5. 5-groups drawn; 17; 17, 9, 8;  $9 + 8 = 17; 17 - 9 = 8$
6. 5-groups drawn; 8; 17, 9, 8;  $17 - 8 = 9; 8 + 9 = 17$

## Lesson 16

### Problem Set

- 3; addition number sentence or drawing
  - Number bond showing 2, 10; 3; 3
- 6; addition number sentence or drawing
  - Number bond showing 5, 10; 6; 6
- 2; addition number sentence or drawing
  - Number bond showing 1, 10; 2  
Strategy will vary.
- 9; addition number sentence or drawing
  - Number bond showing 8, 10; 9  
Strategy will vary.
- Answers will vary.

### Exit Ticket

- 4; addition number sentence or drawing
  - Number bond showing 3, 10; 4
- 8; addition number sentence or drawing
  - Number bond showing 7, 10; 8

### Homework

- 8; work based on strategy used to solve
- 3; work based on strategy used to solve
- 7; work based on strategy used to solve
- 2; work based on strategy used to solve
- 5; work will vary.
- 8; work will vary.
- Paul: 3, Lisa: 9; work will vary.
- Answers will vary.

## Lesson 17

### Sprint

#### Side A

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

#### Side B

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

**Problem Set**

1. Number sentences appropriately matched to pictures
2. Group of 10 circled; 8 crossed off; 5
3. Group of 10 circled; 8 crossed off; 3
4. Group of 10 is circled; 8 crossed off; 7
5. Group of 10 circled; 8 crossed off; 11
6. Group of 10 circled; 8 crossed off; 8
7. Group of 10 circled; 8 crossed off; 9
8. 10 drawn and circled or number bond drawn; 4
9. 10 drawn and circled or number bond drawn; 5
10. 10 drawn and circled or number bond drawn; 6
11. 10 drawn and circled or number bond drawn; 7

**Exit Ticket**

1. a. 10 drawn and circled; 8 crossed off; 4  
b. 10 drawn and circled; 8 crossed off; 6
2. Number bond shows 5, 10; 7

**Homework**

1. a. 6; matched to first picture  
b. 8; matched to hearts  
c. 3; matched to stars  
d. 5; matched to third picture
2. Number bond or drawing to match number sentence; 6
3. 10 circled;  $17 - 8 = 9$ ; 9
4. 10 circled; 8 crossed off;  $12 - 8 = 4$ ; 4
5. Number bond or drawing;  $15 - 8 = 7$ ; 7
6. 18, 8;  $18 - 8 = 10$ ; number bond showing 18, 10, 8



## Lesson 18

### Problem Set

- Matched to third picture
  - Matched to second picture
  - Matched to first picture
  - Matched to fifth picture
  - Matched to fourth picture
- 5-group row and ones drawn; 8 crossed off;  $3$ ;  $2 + 1 = 3$
- 5-group row and ones drawn; 8 crossed off;  $4$ ;  $2 + 2 = 4$
- 5-group row and ones drawn; 8 crossed off;  $7$ ;  $2 + 5 = 7$
- 5-group row and ones drawn; 8 crossed off;  $11$ ;  $2 + 9 = 11$
- 5-group row and ones drawn; 8 crossed off;  $8$ ;  $2 + 6 = 8$
- 5-group row and ones drawn; 9 crossed off;  $7$ ;  $1 + 6 = 7$
- 5-group row and ones drawn; 9 crossed off;  $5$ ;  $1 + 4 = 5$
- $14$ ; number bond drawn showing 4, 2
  - $6$ ; number bond drawn showing 10, 4

### Exit Ticket

- 5-group row and ones drawn; 8 crossed off; 6; 4, 6
- 5-group row and ones drawn; 8 crossed off; 9; 7, 9

### Homework

- 5-group row and ones drawn; 8 crossed off;  $2 + 3 = 5$ ;  $13 - 8 = 5$ ; 5
- 5-group row and ones drawn; 8 crossed off;  $2 + 5 = 7$ ;  $15 - 8 = 7$ ; 7
- 5-group row and ones drawn; 8 crossed off;  $2 + 9 = 11$ ;  $19 - 8 = 11$ ; 11
- $15$ ; number bond drawn showing 7 or 8
- $7$ ; number bond drawn showing 10, 5
- 5-group row and ones drawn; 9 crossed off; 2
- 5-group row and ones drawn; 9 crossed off; 5
- 5-group row and ones drawn; 8 crossed off or number bond drawn;  $14 - 8 = 6$ ; 6

## Lesson 19

### Problem Set

- 6; number bond provided; 6
- 9; number bond showing 7, 10
- 10; number bond showing 8, 10
- 5
- 7
- 4; number bond showing 2, 10
  - 4; strategy will vary.
- 3; number bond showing 1, 10
  - 3; strategy will vary.
- 8; number bond showing 6, 10
  - 8; strategy will vary.
- 11; number bond showing 9, 10
  - 11; strategy will vary.

### Exit Ticket

- Number bond showing 1, 10; 3
  - 3
- Number bond showing 5, 10; 7
  - 7

### Homework

- Number bond showing 2, 10; 4
  - 4
- Number bond showing 5, 10; 7
  - 7
- Strategy will vary; 3
- Strategy will vary; 9
- 8; 8
- $13 - 8 = 5$ ; number bond showing 3, 10; 5
- $4; 8 + \underline{4} = 12$
  - $7; 8 + \underline{7} = 15$
  - $10; 8 + \underline{10} = 18$
  - $3; 8 + \underline{3} = 11$

## Lesson 20

### Sprint

#### Side A

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

#### Side B

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

**Problem Set**

1. Drawing or number bond shown; 2
2. Drawing or number bond shown; 3
3. Drawing or number bond shown; 4
4. Drawing or number bond shown; 5
5. Drawing or number bond shown; 6
6. Drawing or number bond shown; 5
7.
  - a. Answer provided.
  - b.  $18 - 8$
  - c.  $13 - 9$
  - d.  $15 - 9$
8.
  - a. 3
  - b. 4
  - c. 5
9.
  - a. 4
  - b. 5
  - c. 6
10.
  - a. 4
  - b. 5
  - c. 6
11.
  - a. 7
  - b. 9
  - c. 8
12.
  - a. 7
  - b. 6
  - c. 8
13.
  - a. 9
  - b. 8
  - c. 9

**Exit Ticket**

1. Appropriate drawings or number bond included for each
  - a. 5
  - b. 7
  - c. 6
  - d. 9
  - e. 7
  - f. 8

**Homework**

1. 6
2. 7
3. 8
4. 8
5. 9
6. 10
7. 7
8. 8
9. 9
10. 10
11. 11
12. 12
13.
  - a.  $18 - 8$
  - b.  $12 - 7$
14.
  - a. Drawing or number bond drawn showing Elsie is right since both expressions are equal
  - b. Drawing or number bond drawn showing John is right since both expressions are not equal
  - c. Drawing or number bond drawn showing Elsie is correct
  - d. 7; other answers will vary.

## Lesson 21

### Sprint

#### Side A

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

#### Side B

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

**Problem Set**

1. Student work (a), (b), (c), (e), (f) circled
2. New drawing shown for (d) starting at 7;  $16 - 7 = 9$
3. Work shown;  $12 - 5 = 7$ ; 7
4. Work shown;  $17 - 9 = 8$ ; 8

**Exit Ticket**

Work shown for each strategy; explanations will vary;  $14 - 6 = 9$

**Homework**

1.
  - a. Take from ten;  $13 - 6 = 7$ ; strategy shown correctly solving problem
  - b. Make ten; different strategy shown correctly solving problem
  - c. Explanations may vary.
2.
  - a. Take from ten; different strategy shown correctly solving problem
  - b. Make ten;  $9 + 8 = 17$ ; strategy shown correctly solving problem
  - c. Explanations may vary.

## Lesson 22

### Sprint

#### Side A

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

#### Side B

- |       |       |       |
|-------|-------|-------|
| 1. 2  | 11. 4 | 21. 5 |
| 2. 3  | 12. 3 | 22. 4 |
| 3. 0  | 13. 4 | 23. 3 |
| 4. 2  | 14. 3 | 24. 3 |
| 5. 1  | 15. 2 | 25. 3 |
| 6. 0  | 16. 5 | 26. 1 |
| 7. 1  | 17. 6 | 27. 2 |
| 8. 4  | 18. 7 | 28. 3 |
| 9. 3  | 19. 4 | 29. 5 |
| 10. 2 | 20. 7 | 30. 5 |



**Problem Set**

1. Labeled drawing;  $5 + 6 = 11$  or  $11 - 5 = 6$
2. Labeled drawing;  $8 + 6 = 14$  or  $14 - 8 = 6$
3. Labeled drawing;  $8 + 7 = 15$  or  $15 - 8 = 7$
4. Labeled drawing;  $7 + 9 = 16$  or  $16 - 7 = 9$

**Exit Ticket**

1. Labeled drawing;  $8 + 9 = 17$  or  $17 - 8 = 9$
2. Labeled drawing;  $8 + 5 = 13$  or  $13 - 8 = 5$

**Homework**

1. Labeled drawing and statement;  $6 + 8 = 14$  or  $14 - 6 = 8$
2. Labeled drawing and statement;  $6 + 9 = 15$  or  $15 - 6 = 9$ .
3. Labeled drawing and statement;  $9 + 9 = 18$  or  $18 - 9 = 9$
4. Labeled drawing and statement;  $8 + 9 = 17$  or  $17 - 8 = 9$
5. Labeled drawing and statement;  $9 + 8 = 17$  or  $17 - 9 = 8$ .
6. Labeled drawing and statement;  $9 + 7 = 16$  or  $16 - 9 = 7$

## Lesson 23

### Sprint

#### Side A

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

#### Side B

- |       |       |       |
|-------|-------|-------|
| 1. 2  | 11. 4 | 21. 5 |
| 2. 3  | 12. 3 | 22. 4 |
| 3. 0  | 13. 4 | 23. 3 |
| 4. 2  | 14. 3 | 24. 3 |
| 5. 1  | 15. 2 | 25. 3 |
| 6. 0  | 16. 5 | 26. 1 |
| 7. 1  | 17. 6 | 27. 2 |
| 8. 4  | 18. 7 | 28. 3 |
| 9. 3  | 19. 4 | 29. 5 |
| 10. 2 | 20. 7 | 30. 5 |

**Problem Set**

1. Labeled drawing;  $8 + 4 = 12$  or  $12 - 8 = 4$ ; 4
2. Labeled drawing;  $5 + 8 = 13$  or  $13 - 5 = 8$ ; 8
3. Labeled drawing;  $8 + 7 = 15$  or  $15 - 8 = 7$ ; 7
4. Labeled drawing;  $9 + 10 = 19$  or  $19 - 9 = 10$ ; 10

**Exit Ticket**

Labeled drawing;  $7 + 6 = 13$  or  $13 - 7 = 6$ ; 7

**Homework**

1. Labeled drawing;  $9 + 5 = 14$  or  $14 - 9 = 5$ ; 5
2. Labeled drawing;  $8 + 9 = 17$  or  $17 - 8 = 9$ ; 9
3. Labeled drawing;  $5 + 8 = 13$  or  $13 - 5 = 8$ ; 8
4. Labeled drawing;  $12 + 6 = 18$  or  $18 - 12 = 6$ ; 6

## Lesson 24

### Sprint

#### Side A

- |       |       |       |
|-------|-------|-------|
| 1. 1  | 11. 3 | 21. 6 |
| 2. 0  | 12. 5 | 22. 6 |
| 3. 2  | 13. 4 | 23. 5 |
| 4. 1  | 14. 3 | 24. 4 |
| 5. 2  | 15. 2 | 25. 7 |
| 6. 3  | 16. 4 | 26. 6 |
| 7. 0  | 17. 3 | 27. 5 |
| 8. 0  | 18. 2 | 28. 2 |
| 9. 1  | 19. 4 | 29. 4 |
| 10. 2 | 20. 5 | 30. 5 |

#### Side B

- |       |       |       |
|-------|-------|-------|
| 1. 0  | 11. 3 | 21. 5 |
| 2. 1  | 12. 0 | 22. 5 |
| 3. 2  | 13. 1 | 23. 4 |
| 4. 0  | 14. 2 | 24. 3 |
| 5. 1  | 15. 3 | 25. 6 |
| 6. 2  | 16. 3 | 26. 5 |
| 7. 3  | 17. 2 | 27. 4 |
| 8. 0  | 18. 1 | 28. 3 |
| 9. 1  | 19. 3 | 29. 5 |
| 10. 2 | 20. 4 | 30. 4 |

**Problem Set**

1. Labeled drawing and statement;  $11 - 3 = 8$  or  $8 + 3 = 11$
2. Labeled drawing and statement;  $15 - 9 = 6$  or  $9 + 6 = 15$
3. Labeled drawing and statement;  $16 - 8 = 8$  or  $8 + 8 = 16$
4. Labeled drawing and statement;  $18 - 9 = 9$  or  $9 + 9 = 18$

**Exit Ticket**

Labeled drawing and statement;  $18 - 9 = 9$  or  $9 + 9 = 18$

**Homework**

1. Labeled drawing and statement;  $12 - 9 = 3$  or  $9 + 3 = 12$
2. Labeled drawing and statement;  $11 - 7 = 4$  or  $7 + 4 = 11$
3. Labeled drawing and statement;  $17 - 8 = 9$  or  $8 + 9 = 17$
4. Labeled drawing and statement;  $12 - 9 = 3$  or  $9 + 3 = 12$

## Lesson 25

### Sprint

#### Side A

- |       |       |       |
|-------|-------|-------|
| 1. 5  | 11. 0 | 21. 4 |
| 2. 6  | 12. 7 | 22. 6 |
| 3. 7  | 13. 8 | 23. 4 |
| 4. 6  | 14. 2 | 24. 3 |
| 5. 7  | 15. 2 | 25. 1 |
| 6. 8  | 16. 6 | 26. 5 |
| 7. 7  | 17. 5 | 27. 5 |
| 8. 1  | 18. 4 | 28. 6 |
| 9. 1  | 19. 7 | 29. 6 |
| 10. 8 | 20. 4 | 30. 6 |

#### Side B

- |       |       |       |
|-------|-------|-------|
| 1. 4  | 11. 0 | 21. 4 |
| 2. 5  | 12. 6 | 22. 6 |
| 3. 6  | 13. 7 | 23. 5 |
| 4. 5  | 14. 1 | 24. 3 |
| 5. 6  | 15. 1 | 25. 1 |
| 6. 7  | 16. 6 | 26. 6 |
| 7. 6  | 17. 3 | 27. 6 |
| 8. 7  | 18. 2 | 28. 7 |
| 9. 8  | 19. 6 | 29. 5 |
| 10. 1 | 20. 3 | 30. 7 |

**Problem Set**

Answers will vary.

**Exit Ticket**

Answers will vary

**Homework**

1.
  - a. False
  - b. True
  - c. True
  - d. False
  - e. True
  - f. True
2.
  - a. Lola; pictures drawn to explain thinking
  - b. Lola; pictures drawn to explain thinking
  - c. Charlie; pictures drawn to explain thinking
3.
  - a. Answers will vary.
  - b. Answers will vary.
  - c. Answers will vary.

## Lesson 26

### Problem Set

- 10 circled; 15, 1, 5
- 10 circled; 12, 1, 2
- 10 circled; 17, 7, 1
- 10 circled; 13, 1, 3
- 10 circled; 17, 1, 7
- 1, 2, 10, 2 shown on cards; 1, 2
- 1, 4, 10, 4 shown on cards; 1, 4
- 1, 9, 10, 9 shown on cards; 9, 1
- Circles drawn to show 16; 10, 6; 1, 6
- Circles drawn to show 12; 1, 2  
Circles drawn to show 15; 1, 5

### Exit Ticket

Matched to cards that read 12, 10, 2; 1, 2

Matched to cards that read 14, 10, 4; 1, 4

Matched to cards that read 17, 10, 7; 1, 7

### Homework

- Pile of 10 coins circled; 18; 1, 8
- Purse of coins circled; 17; 1, 7
- Circles drawn to show 18; 10, 8; 1, 8
- Circles drawn to show 13; 13; 1, 3
- Circles drawn to show 12; 1, 2
- Circles drawn to show 13; 1, 3
- 5-group column, circles drawn to show 16; 6, 1
- 5-group column, circles drawn to show 19; 1, 9



## Lesson 27

### Sprint

#### Side A

- |       |        |        |
|-------|--------|--------|
| 1. 13 | 11. 0  | 21. 10 |
| 2. 12 | 12. 3  | 22. 10 |
| 3. 11 | 13. 4  | 23. 10 |
| 4. 11 | 14. 5  | 24. 18 |
| 5. 14 | 15. 8  | 25. 19 |
| 6. 16 | 16. 1  | 26. 12 |
| 7. 17 | 17. 2  | 27. 14 |
| 8. 18 | 18. 10 | 28. 15 |
| 9. 2  | 19. 10 | 29. 10 |
| 10. 1 | 20. 7  | 30. 3  |

#### Side B

- |       |        |        |
|-------|--------|--------|
| 1. 11 | 11. 2  | 21. 10 |
| 2. 12 | 12. 3  | 22. 10 |
| 3. 13 | 13. 5  | 23. 10 |
| 4. 14 | 14. 7  | 24. 16 |
| 5. 15 | 15. 9  | 25. 18 |
| 6. 16 | 16. 0  | 26. 13 |
| 7. 18 | 17. 1  | 27. 15 |
| 8. 18 | 18. 10 | 28. 15 |
| 9. 0  | 19. 10 | 29. 10 |
| 10. 1 | 20. 3  | 30. 3  |

**Problem Set**

1. 1, 8; 1, 8; s crossed off
2. 1, 8; 1, 8; s crossed off
3. 1, 5; 1, 5; s crossed off
4. 2, 0; 2, 0
5. 1, 3; 1, 3; s crossed off
6. 1, 2; 1, 2; s crossed off
7. 8; 0, 8
8. 9; 0, 9
9. Labeled drawing;  $4 + 10 = 14$ ; 1, 4
10. Labeled drawing;  $8 + 7 = 15$ ; 1, 5
11. Labeled drawing;  $14 - 3 = 11$ ; 1, 1
12. Labeled drawing;  $16 - 5 = 11$ ; 1, 1

**Exit Ticket**

1. 1, 9; 1, 9; s crossed off
2. 1, 3; 1, 3; s crossed off
3. Labeled drawing;  $16 - 9 = 7$ ; 7; 0, 7

**Homework**

1. 1, 3; 1, 3; s crossed off
2. 0, 8; 0, 8
3. 0, 9; 0, 9
4. 1, 9; 1, 9; s crossed off
5. 1, 8; 1, 8; s crossed off
6. 0, 9; 0, 9
7. Labeled drawing;  $8 + 9 = 17$ ; 1, 7
8. Labeled drawing;  $14 - 8 = 6$ ; 0, 6
9. Labeled drawing;  $6 + 14 = 20$ ; 2; 0

## Lesson 28

### Sprint

#### Side A

- |       |        |        |
|-------|--------|--------|
| 1. 12 | 11. 13 | 21. 20 |
| 2. 3  | 12. 4  | 22. 18 |
| 3. 13 | 13. 14 | 23. 19 |
| 4. 14 | 14. 6  | 24. 2  |
| 5. 6  | 15. 16 | 25. 3  |
| 6. 16 | 16. 15 | 26. 4  |
| 7. 13 | 17. 16 | 27. 12 |
| 8. 6  | 18. 17 | 28. 11 |
| 9. 16 | 19. 18 | 29. 21 |
| 10. 3 | 20. 19 | 30. 32 |

#### Side B

- |       |        |        |
|-------|--------|--------|
| 1. 11 | 11. 13 | 21. 19 |
| 2. 2  | 12. 2  | 22. 19 |
| 3. 12 | 13. 12 | 23. 20 |
| 4. 13 | 14. 5  | 24. 1  |
| 5. 5  | 15. 15 | 25. 2  |
| 6. 15 | 16. 14 | 26. 3  |
| 7. 12 | 17. 15 | 27. 11 |
| 8. 4  | 18. 16 | 28. 13 |
| 9. 14 | 19. 17 | 29. 23 |
| 10. 3 | 20. 18 | 30. 34 |

**Problem Set**

1.  $1, 4; 9 + 1 = 10; 10 + 4 = 14$
2.  $1, 4; 8 + 2 = 10; 10 + 4 = 14$
3.  $15; 9 + 1 = 10; 10 + 5 = 15$
4.  $8 + 7 = 15; 8 + 2 = 10; 10 + 5 = 15$
5.  $4 + 9 = 13; 9 + 1 = 10; 10 + 3 = 13$
6.  $7 + 8 = 15; 8 + 2 = 10; 10 + 5 = 15$
7.  $8 + 9 = 17; 9 + 1 = 10; 10 + 7 = 17$

**Exit Ticket**

1.  $1, 5; 8 + 2 = 10; 10 + 5 = 15$
2.  $1, 3; 9 + 1 = 10; 10 + 3 = 13$

**Homework**

1.  $1, 6; 9 + 1 = 10; 10 + 6 = 16$
2.  $1, 3; 8 + 2 = 10; 10 + 3 = 13$
3.  $17; 9 + 1 = 10; 10 + 7 = 17$
4.  $8 + 7 = 15; 8 + 2 = 10; 10 + 5 = 15$
5.  $6 + 9 = 15; 9 + 1 = 10; 10 + 5 = 15$
6.  $4 + 8 = 12; 8 + 2 = 10; 10 + 2 = 12$
7.  $5 + 7 = 12; 7 + 3 = 10; 10 + 2 = 12$

## Lesson 29

### Problem Set

- 9; 10, 5, 5; 5, 4, 9
- 5; 10, 8, 2; 2, 3, 5
- 6; 10, 8, 2; 2, 4, 6
- $11 - 5 = 6$ ; 10, 5, 5; 5, 1, 6
- $16 - 8 = 8$ ; 10, 8, 2; 2, 6, 8
- $18 - 6 = 12$ ;  $10 - 6 = 4$  and  $4 + 8 = 12$  or  
 $8 - 6 = 2$  and  $2 + 10 = 12$
- $17 - 9 = 8$ ;  $10 - 9 = 1$ ;  $1 + 7 = 8$

### Exit Ticket

- 9; 10, 6, 4; 4, 5, 9
- 6; 10, 8, 2; 2, 4, 6

### Homework

- 9; 10, 8, 2; 2, 7, 9
- 9; 10, 7, 3; 3, 6, 9
- 9; 10, 3, 7; 7, 2, 9; 9
- $18 - 9 = 9$ ;  $10 - 9 = 1$ ;  $1 + 8 = 9$ ; 9
- $13 - 6 = 7$ ;  $10 - 6 = 4$ ;  $4 + 3 = 7$ ; 7
- $14 - 7 = 7$ ;  $10 - 7 = 3$ ;  $3 + 4 = 7$ ; 7
- $15 - 9 = 6$ ;  $10 - 9 = 1$ ;  $1 + 5 = 6$ ; 6