



Answer Key

GRADE 2 • MODULE 7

Problem Solving with Length, Money, and Data

Lesson 1

Core Fluency Practice Set A

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

Core Fluency Practice Set B

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

Core Fluency Practice Set C

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

Core Fluency Practice Set D

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

Core Fluency Practice Set E

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

Problem Set

- | | |
|--|----------|
| 1. No Legs: 2; Two Legs: 3; Four Legs: 4 | 4. a. 14 |
| 2. Fur: 4; Feathers: 3 | b. 9 |
| 3. a. 19 | c. 25 |
| b. 8 | d. 10 |
| c. 8 | e. 6 |
| d. 25 | |

Exit Ticket

- | | |
|-------|-------|
| 1. 21 | 3. 38 |
| 2. 13 | 4. 7 |

Homework

- | | |
|--|----------|
| 1. No Legs: 1; Two Legs: 3; Four Legs: 3 | 4. a. 31 |
| 2. Fur: 4; Feathers: 3 | b. 1 |
| 3. a. 6 | c. 49 |
| b. 20 | d. 3 |
| c. 5 | |
| d. 8 | |
| e. 26 | |

Lesson 2

Problem Set

1. Correctly completed picture graph with title, categories, and legend
 - a. 6
 - b. 7
 - c. 8
 - d. Answers will vary.
2. Correctly completed picture graph with title, categories, and legend
 - a. 8
 - b. 15
 - c. Answers will vary.

Exit Ticket

Correctly completed picture graph with title, categories, and legend

- a. 4
- b. 5
- c. 4

Homework

1. Correctly completed picture graph with title, categories, and legend
 - a. 4
 - b. 2
 - c. 3
 - d. Answer will vary.
2. Correctly completed picture graph with title, categories, and legend
 - a. 8
 - b. 15
 - c. Answers will vary.

Lesson 3

Sprint

Side A

1. 5	12. 40	23. 15	34. 60
2. 10	13. 35	24. 20	35. 55
3. 15	14. 30	25. 25	36. 50
4. 20	15. 25	26. 30	37. 65
5. 25	16. 20	27. 35	38. 70
6. 30	17. 15	28. 40	39. 65
7. 35	18. 10	29. 45	40. 60
8. 40	19. 5	30. 50	41. 150
9. 45	20. 0	31. 50	42. 200
10. 50	21. 5	32. 100	43. 150
11. 45	22. 10	33. 55	44. 100

Side B

1. 5	12. 40	23. 15	34. 60
2. 10	13. 35	24. 20	35. 55
3. 15	14. 30	25. 25	36. 50
4. 20	15. 25	26. 30	37. 65
5. 25	16. 20	27. 35	38. 70
6. 30	17. 15	28. 40	39. 65
7. 35	18. 10	29. 45	40. 60
8. 40	19. 5	30. 50	41. 150
9. 45	20. 0	31. 50	42. 200
10. 50	21. 5	32. 100	43. 150
11. 45	22. 10	33. 55	44. 100

Problem Set

1. Correctly completed bar graph with title, bars, categories, and number scale
 - a. 3
 - b. 9
 - c. 3
 - d. Answers will vary.
2. Correctly completed bar graph with title, bars, categories, and number scale
 - a. 13
 - b. 26
 - c. 16
 - d. Answers will vary.

Exit Ticket

Correctly complete bar graph with title, bars, categories, and number scale

- a. 6
- b. 7

Homework

1. Correctly completed bar graph with title, bars, categories, and number scale
 - a. 4
 - b. Fur and feathers; 2 more
 - c. Answers will vary.
2. Correctly completed bar graph with title, bars, categories, and number scale
 - a. 31
 - b. 6
 - c. 22
 - d. Answers will vary.

Lesson 4

Sprint

Side A

1. 10	12. 30	23. 40	34. 15
2. 15	13. 25	24. 20	35. 40
3. 20	14. 20	25. 45	36. 20
4. 25	15. 15	26. 20	37. 45
5. 30	16. 10	27. 45	38. 25
6. 35	17. 5	28. 15	39. 50
7. 40	18. 5	29. 40	40. 60
8. 45	19. 30	30. 10	41. 55
9. 50	20. 10	31. 35	42. 60
10. 40	21. 35	32. 5	43. 65
11. 35	22. 15	33. 30	44. 70

Side B

1. 15	12. 25	23. 20	34. 20
2. 20	13. 20	24. 40	35. 45
3. 25	14. 15	25. 25	36. 25
4. 30	15. 10	26. 20	37. 50
5. 35	16. 5	27. 45	38. 15
6. 40	17. 5	28. 15	39. 40
7. 45	18. 30	29. 40	40. 55
8. 50	19. 10	30. 10	41. 60
9. 40	20. 35	31. 30	42. 65
10. 35	21. 15	32. 5	43. 60
11. 30	22. 40	33. 30	44. 65

Problem Set

1. Correctly completed bar graph with title, categories, bars, and number scale
 - a. 5
 - b. 5
 - c. Spiders
 - d. 38
 - e. 14
2. Correctly completed bar graph with title, categories, bars, and number scale
 - a. 7
 - b. 6
 - c. 12
 - d. Answers will vary.

Exit Ticket

Correctly completed bar graph with title, categories, bars, and number scale

- a. 3
- b. 36

Homework

1. Correctly completed bar graph with title, categories, bars, and number scale
 - a. 39
 - b. 17
 - c. 9
 - d. Answers will vary.
2. Correctly completed bar graph with title, categories, bars, and number scale
 - a. 8
 - b. 4
 - c. Answers will vary.

Lesson 5

Activity Sheet 1

Correctly completed bar graph with title, categories, bars, and number scale.

- a. 36
- b. 18
- c. 4
- d. She will have 20 pennies
- e. Questions will vary.

Activity Sheet 2

Correctly completed bar graph with title, categories, bars, and number scale.

- a. 38
- b. 65
- c. 6
- d. Annie and Scarlett
- e. Questions will vary.

Activity Sheet 3

Answers will vary.

Problem Set

1. Correctly completed bar graph with title, categories, bars, and number scale.
 - a. 4
 - b. 15
 - c. Emily and Ava are circled; 3
 - d. 39
2. Correctly completed bar graph with title, categories, bars, and number scale.
 - a. 3
 - b. 13
 - c. 14
 - d. 50

Exit Ticket

Correctly completed bar graph with title, categories, bars, and number scale.

- a. 5
- b. 6

Homework

1. Correctly completed bar graph with title, categories, bars, and number scale.
 - a. 3
 - b. 6
 - c. Justin and Melissa are circled; 3
 - d. 41
2. Correctly completed bar graph with title, categories, bars, and number scale.
 - a. 13
 - b. 16
 - c. 15
 - d. 50

Lesson 6

Problem Set

- | | |
|--------|-----------------|
| 1. 8¢ | 9. 12¢ |
| 2. 14¢ | 10. 27¢ |
| 3. 25¢ | 11. 37¢ |
| 4. 19¢ | 12. 70¢ |
| 5. 31¢ | 13. 56¢ |
| 6. 36¢ | 14. 100¢ or \$1 |
| 7. 52¢ | 15. 95¢ |
| 8. 20¢ | |

Exit Ticket

- | | |
|--------|--------|
| 1. 92¢ | 3. 66¢ |
| 2. 70¢ | 4. 73¢ |

Homework

- | | |
|--------|---------|
| 1. 9¢ | 9. 12¢ |
| 2. 13¢ | 10. 37¢ |
| 3. 30¢ | 11. 36¢ |
| 4. 23¢ | 12. 55¢ |
| 5. 27¢ | 13. 61¢ |
| 6. 37¢ | 14. 97¢ |
| 7. 61¢ | 15. 68¢ |
| 8. 17¢ | |

Lesson 7

Sprint

Side A

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

Side B

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

Problem Set

- | | |
|--------|--------|
| 1. 52¢ | 4. 38¢ |
| 2. 69¢ | 5. 91¢ |
| 3. 94¢ | 6. 26¢ |

Exit Ticket

- 65¢
- 75¢

Homework

- | | |
|--------|--------|
| 1. 71¢ | 4. 36¢ |
| 2. 73¢ | 5. 87¢ |
| 3. 21¢ | 6. 33¢ |

Lesson 8

Sprint

Side A

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

Side B

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

Problem Set

- | | |
|---------|---------|
| 1. \$24 | 4. \$35 |
| 2. \$51 | 5. \$11 |
| 3. \$25 | 6. \$28 |

Exit Ticket

- \$35
- \$78

Homework

- | | |
|---------|---------|
| 1. \$61 | 4. \$7 |
| 2. \$70 | 5. \$60 |
| 3. \$84 | 6. \$26 |

Lesson 9

Problem Set

1. Answers will vary.
2. Answers will vary.
3. Answers will vary.
4. Answers will vary.
5. Answers will vary.
6. Answers will vary, showing combinations that make 60¢
7. Answers will vary, showing combinations that make \$1

Exit Ticket

Answers will vary.

Homework

1. Answers will vary.
2. Answers will vary.
3. Answers will vary.
4. Answers will vary.
5. Answers will vary.
6. Answers will vary, showing combinations that make 69¢
7. Answers will vary, showing combinations that make \$1

Lesson 10

Problem Set

1. (b) circled; 2 nickels for 1 dime
2. Answers will vary; 2 dimes
3. Answers will vary; 1 quarter and 1 dime
4. Answers will vary; 1 quarter, 2 dimes, 1 penny
5. Answers will vary; 2 quarters, 2 dimes, 3 pennies
6. Answers will vary; 3 quarters and 1 dime
7. (a) and (b) circled; (b) starred
8. 2 quarters, 1 nickel, 1 penny

Exit Ticket

1. Answers will vary; 1 quarter, 1 dime, 1 penny
2. Answers will vary; 2 quarters, 2 dimes, 4 pennies

Homework

1. (b) circled; 2 dimes and a nickel for a quarter
2. Answers will vary; 1 quarter, 1 dime, 1 nickel
3. Answers will vary; 2 quarters and 1 nickel
4. Answers will vary; 2 quarters, 1 dime, 1 nickel, 1 penny
5. Answers will vary; 3 quarters and 1 nickel
6. Answers will vary; 4 quarters
7. 9 dimes, 1 penny is circled; explanations will vary.

Lesson 11

Sprint

Side A

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

Side B

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

Problem Set

- | | | | |
|----|-------------------------------------|----|--------|
| 1. | a. 55¢; 50, 50 | 3. | a. 67¢ |
| | b. 85¢; arrow way answers will vary | | b. 45¢ |
| | c. 43¢; arrow way answers will vary | | c. 72¢ |
| | d. 29; arrow way answers will vary | | d. 57¢ |
| 2. | a. 21¢ | | e. 81¢ |
| | b. 36¢ | | |
| | c. 70¢ | | |

Exit Ticket

- 54¢
- 36¢
- 87 cents

Homework

- | | | | |
|----|-------------------------------------|----|--------|
| 1. | a. 75¢; 30¢, 70¢ | 3. | a. 62¢ |
| | b. 55¢; arrow way answers will vary | | b. 35¢ |
| | c. 38¢; arrow way answers will vary | | c. 59¢ |
| | d. 21; arrow way answers will vary | | d. 73¢ |
| 2. | a. 81¢ | | e. 86¢ |
| | b. 23¢ | | |
| | c. 47¢ | | |

Lesson 12

Sprint

Side A

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

Side B

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

Problem Set

- | | |
|--------|-----------------------|
| 1. 20¢ | 4. 45¢ |
| 2. 65¢ | 5. 39¢ |
| 3. 25¢ | 6. Answers will vary. |

Exit Ticket

13¢

Homework

- | | |
|--------|--------|
| 1. 51¢ | 5. 47¢ |
| 2. 55¢ | 6. 62¢ |
| 3. 25¢ | 7. 59¢ |
| 4. 49¢ | |

Lesson 13

Problem Set

- | | |
|--------------|-------------------------|
| 1. A quarter | 4. \$63 |
| 2. \$76 | 5. 5 dimes and a nickel |
| 3. \$19 | 6. 7 nickels |

Exit Ticket

Answers will vary.

Homework

- | | |
|-------------------------|---------|
| 1. 18¢ | 4. \$71 |
| 2. 57¢ | 5. \$45 |
| 3. A quarter and a dime | 6. \$79 |

Lesson 14

Problem Set

1. Answers will vary.
2. Melissa's work is circled; explanations will vary.

Exit Ticket

Line A: 4

Line B: 6

Line C: 5

Homework

1. Answers will vary.
2. Answers will vary.
3. 5 inch tiles

Lesson 15

Sprint

Side A

1. 2	12. 16	23. 6	34. 88
2. 4	13. 14	24. 8	35. 66
3. 6	14. 12	25. 10	36. 44
4. 8	15. 10	26. 12	37. 22
5. 10	16. 8	27. 14	38. 0
6. 12	17. 6	28. 16	39. 22
7. 14	18. 4	29. 18	40. 44
8. 16	19. 2	30. 20	41. 66
9. 18	20. 0	31. 22	42. 88
10. 20	21. 2	32. 44	43. 666
11. 18	22. 4	33. 66	44. 444

Side B

1. 2	12. 16	23. 6	34. 88
2. 4	13. 14	24. 8	35. 66
3. 6	14. 12	25. 10	36. 44
4. 8	15. 10	26. 12	37. 22
5. 10	16. 8	27. 14	38. 0
6. 12	17. 6	28. 16	39. 22
7. 14	18. 4	29. 18	40. 44
8. 16	19. 2	30. 20	41. 66
9. 18	20. 0	31. 22	42. 88
10. 20	21. 2	32. 44	43. 444
11. 18	22. 4	33. 66	44. 666

Problem Set

1. Answers will vary.
2. Answers will vary.
3. Answers will vary.
4. Answers will vary.
5. Answers will vary.
6. A: 5; B: 4; C: 3
 - a. C
 - b. 5
 - c. 7
 - d. 2
7.
 - a. 12
 - b. 7
 - c. 8

Exit Ticket

A: 4; B: 2; C: 2; D: 5

4

Homework

1. Answers will vary.
2. Answers will vary.
3. Answers will vary.
4. Answers will vary.
5. Answers will vary.
6.
 - a. 5
 - b. 2
 - c. 3
 - d. 1
 - e. 3
 - f. 2
 - g. 1
 - h. 6

Lesson 16

Sprint

Side A

1. 3	12. 24	23. 9	34. 99
2. 6	13. 21	24. 12	35. 66
3. 9	14. 18	25. 15	36. 33
4. 12	15. 15	26. 18	37. 666
5. 15	16. 12	27. 21	38. 0
6. 18	17. 9	28. 24	39. 33
7. 21	18. 6	29. 27	40. 33
8. 24	19. 3	30. 30	41. 36
9. 27	20. 0	31. 33	42. 39
10. 30	21. 3	32. 66	43. 96
11. 27	22. 6	33. 99	44. 99

Side B

1. 3	12. 24	23. 9	34. 99
2. 6	13. 21	24. 12	35. 66
3. 9	14. 18	25. 15	36. 33
4. 12	15. 15	26. 18	37. 666
5. 15	16. 12	27. 21	38. 0
6. 18	17. 9	28. 24	39. 33
7. 21	18. 6	29. 27	40. 33
8. 24	19. 3	30. 30	41. 36
9. 27	20. 0	31. 33	42. 39
10. 30	21. 3	32. 66	43. 69
11. 27	22. 6	33. 99	44. 99

Problem Set

Recording Sheets serve as Problem Set

Exit Ticket

Inch; foot; inch; yard; inch; foot

Homework

1. Foot; inch; inch; foot; yard; inch
2.
 - a. More than
 - b. About the same as
 - c. About the same as
 - d. Less than
3. Answers will vary.
4. Answers will vary.

Lesson 17

Problem Set

All answers will vary.

Exit Ticket

Answers will vary.

Homework

All answers will vary.

Lesson 18

Grade 2 Core Fluency Differentiated Practice Sets

See Lesson 1 Answer Key

Problem Set

1. 13 cm; 5 in
2. 11 cm; 4 in
3. 15 cm; 6 in
4. 8 cm; 3 in
5. a. Centimeters
b. Explanations will vary.
6. a. Line drawn measuring 3 cm
b. Line drawn measuring 3 in
7. Explanations will vary.

Exit Ticket

1. 10 cm; 4 in
2. 15 cm; 6 in

Homework

1. 15 cm; 6 in
2. 10 cm; 4 in
3. 8 cm; 3 in
4. 13 cm; 5 in
5. a. Line drawn measuring 5 cm
b. Line drawn measuring 5 in
6. a. Line drawn measuring 7 in
b. Line drawn measuring 7 cm
7. Explanations will vary.
8. Lines drawn measuring 9 cm and 4 in

Lesson 19

Sprint

Side A

1. 9	12. 58	23. 15	34. 9
2. 8	13. 6	24. 85	35. 79
3. 18	14. 7	25. 3	36. 8
4. 38	15. 17	26. 4	37. 68
5. 8	16. 67	27. 24	38. 8
6. 9	17. 5	28. 2	39. 78
7. 19	18. 6	29. 3	40. 7
8. 49	19. 16	30. 33	41. 87
9. 7	20. 76	31. 1	42. 9
10. 8	21. 4	32. 2	43. 39
11. 18	22. 5	33. 42	44. 59

Side B

1. 8	12. 68	23. 15	34. 9
2. 18	13. 6	24. 35	35. 89
3. 28	14. 7	25. 3	36. 8
4. 48	15. 17	26. 4	37. 38
5. 8	16. 77	27. 44	38. 8
6. 9	17. 5	28. 2	39. 58
7. 19	18. 6	29. 3	40. 7
8. 59	19. 16	30. 53	41. 77
9. 7	20. 86	31. 1	42. 9
10. 8	21. 4	32. 2	43. 69
11. 18	22. 5	33. 22	44. 49

Problem Set

1. 5 in; 2 in; 5, 2, 3
2. 3 in; 6 in; 3, 6, 3
3.
 - a. 55 ft
 - b. 39 ft
 - c. 61 ft
4.
 - a. 83
 - b. 137

Exit Ticket

5; 6; 1; shorter

Homework

1. 5; 3; 2
2. 4; 3; 1
3.
 - a. 3; 3
 - b. 11; $19\text{ cm} - 8\text{ cm} = 11\text{ cm}$
 - c. 9; $8\text{ cm} + 9\text{ cm} = 17\text{ cm}$
 - d. 12; $18\text{ cm} - 6\text{ cm} = 12\text{ cm}$
 - e. 5; $7\text{ in} - 2\text{ in} = 5\text{ in}$
 - f. 4; $8\text{ in} + 4\text{ in} = 12\text{ in}$

Lesson 20

Sprint

Side A

1. 7	12. 19	23. 21	34. 32
2. 17	13. 59	24. 26	35. 52
3. 6	14. 58	25. 2	36. 48
4. 16	15. 56	26. 20	37. 46
5. 3	16. 5	27. 21	38. 30
6. 13	17. 15	28. 28	39. 20
7. 23	18. 25	29. 40	40. 20
8. 53	19. 65	30. 44	41. 56
9. 51	20. 67	31. 30	42. 23
10. 8	21. 2	32. 37	43. 49
11. 9	22. 20	33. 30	44. 67

Side B

1. 6	12. 16	23. 31	34. 42
2. 16	13. 56	24. 36	35. 72
3. 5	14. 57	25. 3	36. 68
4. 15	15. 59	26. 30	37. 66
5. 2	16. 8	27. 31	38. 40
6. 12	17. 18	28. 37	39. 30
7. 22	18. 28	29. 30	40. 20
8. 52	19. 68	30. 34	41. 53
9. 51	20. 69	31. 20	42. 27
10. 5	21. 3	32. 25	43. 48
11. 6	22. 30	33. 40	44. 47

Problem Set

- | | |
|---------------|--------------|
| 1. 17 inches | 4. 12 inches |
| 2. 24 yards | 5. 16 feet |
| 3. 110 inches | 6. 16 yards |

Exit Ticket

71 inches

Homework

- | | |
|---------------|--------------|
| 1. 3 inches | 4. 24 inches |
| 2. 32 yards | 5. 20 feet |
| 3. 129 inches | 6. 12 yards |

Lesson 21

Grade 2 Core Fluency Differentiated Practice Sets

See Lesson 1 Answer Key

Problem Set

- | | |
|--------------|------------|
| 1. 5; 40 cm | 4. 75; 30 |
| 2. 10; 65 cm | 5. 120; 60 |
| 3. 5; 70 cm | 6. 65; 60 |

Exit Ticket

- 10; 90 cm
- 50; 53

Homework

- | | |
|---------------|-----------------|
| 1. 5; 25 cm | 4. 10; 410, 420 |
| 2. 10; 75 cm | 5. 60; 55 |
| 3. 10; 200 cm | 6. 60; 590 |

Lesson 22

Problem Set

- 65 cm indicated, 95 cm indicated 3 marks to the right
 - 75 cm indicated, 95 cm indicated 2 marks to the right
 - $65 + 30 = 95$ or $30 + 65 = 95$; $75 + 20 = 95$ or $20 + 75 = 95$
- 90 yards indicated, 65 yards indicated 5 marks to the left
 - 100 yards indicated, 65 yards indicated 7 marks to the left
 - $90 - 25 = 65$; $100 - 35 = 65$
- $83 \text{ cm} - 70 \text{ cm} = 13 \text{ cm}$; explanations will vary.
- 42 cm
- Answers will vary.

Exit Ticket

- 20 cm indicated, 45 cm indicated 1 mark to the right
- 45 cm indicated, 5 cm indicated 2 marks to the left
- $25 + 20 = 45$ or $20 + 25 = 45$; $45 - 40 = 5$

Homework

- 35 cm indicated, 55 cm indicated 2 marks to the right
 - 65 cm indicated, 95 cm indicated 3 marks to the right
 - $35 + 20 = 55$ or $20 + 35 = 55$; $65 + 30 = 95$ or $30 + 65 = 95$
- 80 yards indicated, 45 yards indicated 7 marks to the left
 - 100 yards indicated, 75 yards indicated 5 marks to the left
 - $80 - 35 = 45$; $100 - 25 = 75$
- $54 \text{ cm} - 40 \text{ cm} = 14 \text{ cm}$; explanations will vary.
- Answers will vary.
- 119 meter mark

Lesson 23

Sprint

Side A

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

Side B

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

Recording Sheet

Answers will vary.

Problem Set

1. Data is appropriately recorded on the table:
Shorter than 5 inches—4 tally marks
Longer than 5 inches—1 tally mark
Equal to 5 inches—2 tally marks
2. 2
3. 3
4. Answers will vary.

Exit Ticket

1. Data is appropriately recorded on the table:
Shorter than 5 inches—2 tally marks
5 inches or longer—3 tally marks
2. 25

Homework

1. Answers will vary.
2. a. Data is appropriately recorded on the table:
Shorter than 4 inches—4 tally marks
Longer than 4 inches—2 tally marks
Equal to 4 inches—1 tally mark
b. 3
c. 2
d. Answers will vary.

Lesson 24

Sprint

Side A

1. 2	12. 71	23. 1	34. 50
2. 12	13. 2	24. 11	35. 2
3. 22	14. 12	25. 51	36. 12
4. 52	15. 22	26. 60	37. 82
5. 2	16. 92	27. 1	38. 94
6. 12	17. 2	28. 11	39. 72
7. 22	18. 12	29. 21	40. 53
8. 62	19. 22	30. 61	41. 32
9. 1	20. 42	31. 4	42. 22
10. 11	21. 40	32. 14	43. 45
11. 21	22. 80	33. 74	44. 63

Side B

1. 1	12. 81	23. 1	34. 80
2. 11	13. 3	24. 11	35. 2
3. 21	14. 13	25. 61	36. 12
4. 51	15. 23	26. 30	37. 72
5. 3	16. 93	27. 1	38. 84
6. 13	17. 1	28. 11	39. 62
7. 23	18. 11	29. 21	40. 43
8. 63	19. 21	30. 71	41. 22
9. 1	20. 41	31. 4	42. 32
10. 11	21. 20	32. 14	43. 55
11. 21	22. 60	33. 74	44. 73

Problem Set

1. Line plot is appropriately created using data in the table.
Answers will vary.
2. Line plot is appropriately created using data in the table.
 - a. Answers will vary.
 - b. 20 ribbons
 - c. 4 ribbons
 - d. Questions will vary.

Exit Ticket

Line plot is appropriately created using data in the table.

Homework

1. Line plot is appropriately created using data in the table.
Answers will vary.
2. Line plot is appropriately created using data in the table.
 - a. Answers will vary.
 - b. 9 feet
 - c. 7 feet
 - d. Questions will vary.

Lesson 25

Problem Set

- Line plot is appropriately created using data in the chart.
 - 8 inches
 - 10 are taller; 8 are shorter
- Line plot is appropriately created using data in the chart.
 - 28
 - 4 ft
 - Answers will vary.
 - Answers will vary.

Exit Ticket

- 39
- 9
- Answers will vary.

Homework

- Line plot is appropriately created using data in the chart.
 - 40
 - Answers will vary.
- Line plot is appropriately created using data in the chart.
 - 18
 - 15 inches
 - Answers will vary.
 - Answers will vary.

Lesson 26

Problem Set

1.
 - a. 74 inches
 - b. 31
 - c. Answers will vary.
 - d. Answers will vary.
 - e. Table circled; answers will vary.
2. Line plot is appropriately created using data in the table.
 - a. 34
 - b. Answers will vary.
 - c. Line plot circled; answers will vary.

Exit Ticket

Line plot is appropriately created using data in the table.

Homework

1. Line plot is appropriately created using data in the table.
 - a. 30
 - b. 11
 - c. Answers will vary.
2. Table; answers will vary.
3. Line plot is appropriately created using data in the table.
 - a. 24
 - b. Answers will vary.