



Answer Key

GRADE 1 • MODULE 5

Identifying, Composing, and Partitioning Shapes

Lesson 1

Core Addition Sprint 1

Side A

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

Side B

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

Core Addition Sprint 2**Side A**

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

Side B

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

Core Subtraction Sprint**Side A**

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

Side B

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

Core Fluency Sprint: Totals of 5, 6, & 7**Side A**

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

Side B

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

Core Fluency Sprint: Totals of 8, 9, & 10**Side A**

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

Side B

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

Problem Set

- 3 pentagons circled
- 2 circles and 2 ovals circled
- Rectangle and square circled
- Triangle drawn
 - Different triangle drawn
- Have 3 straight sides; have 3 corners
- Triangle circled
- Two triangles drawn
- Any shape without 3 sides and 3 corners drawn

Exit Ticket

- 3; 3
 - 4; 4
 - 0; 0
- Square crossed off
 - Parallelogram crossed off

Homework

- 4 triangles circled
- 1 circle and 3 ovals circled
- 1 rectangle and 1 square circled
- Answers will vary.
 - Answers will vary.
- Have 4 straight sides; have 4 square corners
- Rectangle circled
- Two rectangles drawn
- Any shape that is not a rectangle drawn

Lesson 2

Problem Set

- 7
 - 3
 - 0
 - 1
 - 7
- 3 rectangles circled
- Yes, explanations will vary.
 - No, explanations will vary.

Exit Ticket

- 0; 0; circle
- 3; 3; triangle
- 6; 6; hexagon
- 4; 4; rectangle

Homework

- 3; 4; 1; 2
- 3; 3
 - 3
- 6; 6
 - 1
- 0; 0
 - 2
- 4; 4
 - 1
- Fourth shape from left crossed off
 - Open shape; it only has 3 corners
- Fourth shape from left crossed off
 - No parallel sides

Lesson 3

Problem Set

- Cone
 - Cube
 - Cylinder
 - Rectangular prism
 - Sphere
- Cubes: block, dice
Spheres: globe, tennis ball
Cones: party hat
Rectangular Prisms: tissue box
Cylinders: can
- Have no straight sides; are round; can roll circled
- Have square faces; have 6 faces circled

Exit Ticket

- True. Answers may vary.
- False. Answers may vary.

Homework

- Answers may vary.
- Answers may vary.

Lesson 4

Problem Set

1. Drawing of trapezoid made with 3 triangles
2. Drawing of large square made with 4 squares
3. Drawing of hexagon made with 6 triangles
4. Drawing of hexagon made with 1 trapezoid, 1 rhombus, 1 triangle
5. Answers may vary.
6. 50
7. Answers may vary.

Exit Ticket

1. Drawing of hexagon made with 3 rhombuses
2. Drawing of triangle made with 1 hexagon and 3 triangles

Homework

1. Drawing of trapezoid made with 3 blue triangles
2. Drawing of hexagon made with 3 blue triangles and 1 green trapezoid
3. 30

Lesson 5

Problem Set

- 7
 - triangle, square, parallelogram
- Square made with 2 triangles drawn
- Trapezoid made with 4 tangram pieces drawn
- Puzzle completed
- Answers will vary.

Exit Ticket

Answers will vary.

Homework

- Answers will vary.
- Answers will vary.
- Triangle made with 2 small triangles drawn
 - Trapezoid made with 1 square and 1 triangle drawn
 - Answers will vary.
- Answers will vary.

Lesson 6

Problem Set

1. Answers will vary.
2. Answers will vary.
3. Answers will vary.
4. Answers will vary.

Exit Ticket

Structure matching Maria's structure built

Homework

Answers will vary.

Lesson 7

Problem Set

- | | | |
|---------|---------|---------|
| a. Y, 2 | f. N | k. Y, 2 |
| b. N | g. Y, 4 | l. Y, 6 |
| c. N | h. Y, 2 | m. Y, 2 |
| d. Y, 4 | i. N | n. N |
| e. Y, 2 | j. Y, 2 | o. Y, 2 |
- | | |
|------|------|
| a. 2 | d. 2 |
| b. 4 | e. 2 |
| c. 2 | f. 4 |
- Vertical line drawn from corner to midpoint
- Answers may vary.
- Answers may vary.

Exit Ticket

Circle; 4

Homework

- | | | |
|---------|---------|---------|
| a. Y, 2 | f. Y, 4 | k. N |
| b. Y, 2 | g. Y, 2 | l. Y, 4 |
| c. N | h. N | m. Y, 6 |
| d. N | i. N | n. Y, 2 |
| e. Y, 2 | j. Y, 2 | o. N |
- Line drawn accurately; triangles
- Line drawn accurately; answers will vary.
- Lines drawn accurately; triangles

Lesson 8

Problem Set

- No
 - No
 - Yes
 - Yes
 - No
 - Yes
- Yes
 - Yes
 - No
 - Yes
 - No
 - No
- Answers may vary.
 - Answers may vary.
 - Answers may vary.
 - Answers may vary.
 - Answers may vary.
 - Answers may vary.
- Answers may vary.
 - Answers may vary.
 - Answers may vary.
 - Answers may vary.
 - Answers may vary.
 - Answers may vary.

Exit Ticket

Answers may vary.

Homework

- Unequal parts
 - Equal parts
 - Halves
 - Quarters
 - Quarters
 - Halves
 - Quarters
 - Fourths
- 1 half
 - 1 quarter
 - 1 half
 - 1 half
- Answers may vary.
- Answers may vary.

Lesson 9

Problem Set

1. A; B; A
2. B; A; B
3. Second rectangle circled; one half of circled
4. Is larger than circled
5. Is smaller than circled
6. Is the same size as circled

Exit Ticket

1. a. F
b. T
2. Answers may vary.

Homework

1. A; B; A
2. a. Half; half
b. Quarter; half
c. Quarter; quarter
d. Half; half
3. a. Is smaller than circled
b. Is the same size as circled

Lesson 10

Problem Set

- 5:00
 - 12:00
 - 8:00
 - 1:00
- Hour hand drawn pointing at 3
- | | | |
|----------|----------|----------------------|
| a. 5:00 | f. 7 | k. 6:00 |
| b. 1 | g. 4:00 | l. 2 |
| c. 3 | h. 6 | m. 11 o'clock |
| d. 9 | i. 11:00 | n. 8:00 or 8 o'clock |
| e. 12:00 | j. 10 | o. 3:00 or 3 o'clock |

Exit Ticket

- 6:00 or 6 o'clock
- 9:00 or 9 o'clock
- 7:00 or 7 o'clock
- 12:00 or 12 o'clock

Homework

- 2 o'clock, 2:00
 - 7 o'clock, 7:00
 - 11 o'clock, 11:00
 - 4 o'clock, 4:00
 - 10 o'clock, 10:00
 - 3 o'clock, 3:00
- Answer provided
 - Hand pointing to 9, 9:00
 - Hand pointing to 12, 12:00
 - Hand pointing to 7, 7:00
 - Hand pointing to 1, 1:00

Lesson 11

Problem Set

- 2:30, Two thirty
 - Half past 5 o'clock, Five thirty
 - 12:30, half past 12 o'clock
- Minute hand drawn pointing to 12
 - Minute hand drawn pointing to 12
 - Minute hand drawn pointing to 6
 - Minute hand drawn pointing to 6
 - Minute hand drawn pointing to 6
 - Minute hand drawn pointing to 12
- Answer provided
 - Answer provided
 - 11:30, eleven thirty, or half past 11 o'clock
 - 2:30, two thirty, or half past 2 o'clock
 - 2:00 or 2 o'clock
 - 8:30, eight thirty, or half past 8 o'clock
 - 10:30, ten thirty, or half past 10 o'clock
 - 6:30, six thirty, or half past 6 o'clock
 - 7:00 or 7 o'clock
 - Seven thirty or half past 7 o'clock
 - 4:30, four thirty, or half past 4 o'clock
 - Ten thirty or half past 10 o'clock
- Clock (c.)

Exit Ticket

- Minute hand drawn pointing to 6
- Minute hand drawn pointing to 6
- 1:30, one thirty, or half past 1 o'clock

Homework

- Clock (b.)
- Clock (a.)
- Clock (a.)
- Clock (b.)
- 6:30, six thirty, or half past 6 o'clock
- 7:30, seven thirty, or half past 7 o'clock
- 10:30, ten thirty, or half past 10 o'clock
- 12:30, twelve thirty, or half past 12 o'clock
- 3:30, three thirty, or half past 3 o'clock
- 4:30, four thirty, or half past 4 o'clock
- 5:30, five thirty, or half past 5 o'clock
- 7:30, seven thirty, or half past 7 o'clock

Lesson 12

Problem Set

- A
- A
- A
- B
- B
- 7 o'clock, 7:00
 - Half past 5, 5:30
 - Half past 1, 1:30
 - Half past 7, 7:30
- Hour hand between 3 and 4, minute hand at 6
 - Hour hand between 8 and 9, minute hand at 6
 - Hour hand at 11, minute hand at 12
 - Hour hand at 6, minute hand at 12
 - Hour hand between 4 and 5, minute hand at 6
 - Hour hand between 12 and 1, minute hand at 6

Exit Ticket

- Hour hand between 1 and 2, minute hand at 6
- Hour hand at 10, minute hand at 12
- Hour hand between 5 and 6, minute hand at 6
- Hour hand between 7 and 8, minute hand at 6

Homework

- Hour hand at 10, minute hand at 12
- Minute hand at 6
- Hour hand at 8
- 6:30 or half past 6 o'clock
- Hour hand at 3, minute hand at 12
- Minute hand at 6
- 2:00 or two o'clock
- Hour hand between 6 and 7, minute hand at 6
- Minute hand at 6
- Hour hand at 4, minute hand at 12
- 3:30—second clock
 - 7:30—sixth clock
 - 6:00—fifth clock
 - 5:30—first clock
 - 4:30—fourth clock
 - Half past 6 o'clock—third clock

Lesson 13

Problem Set

- Clock (b.) circled; 1:00 or 1 o'clock; 12:30, two thirty, or half past two o'clock
- Clock (a.) circled; 8:00 or 8 o'clock; 6:00 or six o'clock
- Clock (c.) circled; 11:30, eleven thirty, or half past 11 o'clock; 11:00 or 11 o'clock
- 2:00
 - 4:30
 - 10:00
- | | |
|---|---|
| <ol style="list-style-type: none">Hour hand at 1, minute hand at 12Hour hand between 1 and 2, minute hand at 6Hour hand at 2, minute hand at 12Hour hand between 6 and 7, minute hand at 6Hour hand between 7 and 8, minute hand at 6Hour hand between 8 and 9, minute hand at 6 | <ol style="list-style-type: none">Hour hand at 10, minute hand at 12Hour hand at 11, minute hand at 12Hour hand at 12, minute hand at 12Hour hand between 9 and 10, minute hand at 6Hour hand at 3, minute hand at 12Hour hand between 5 and 6, minute hand at 6 |
|---|---|

Exit Ticket

- Clock (c.)
- Hour hand between 4 and 5, minute hand at 6
 - 12:00 or twelve o'clock
 - Hour hand at 9, minute hand at 12

Homework

1. B
2. B
3. A
4. A
5. B
6.
 - a. 1:00 or one o'clock
 - b. 11:30, eleven thirty, or half past 11 o'clock
 - c. 6:00 or six o'clock
 - d. Seven thirty or half past 7 o'clock
 - e. 5:30 or half past 5 o'clock
 - f. 2:30, two thirty, or half past 2 o'clock
 - g. 7:00 or seven o'clock
 - h. Eleven o'clock
 - i. 9:30, nine thirty, or half past 9 o'clock
7. Clocks (a.) and (d.)