



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

1. 3 pentagons circled
2. 2 circles and 2 ovals circled
3. Rectangle and square circled
4.
 - a. Triangle drawn
 - b. Different triangle drawn
5. Have 3 straight sides; have 3 corners
6. Triangle circled
7. Two triangles drawn
8. Any shape without 3 sides and 3 corners drawn

Exit Ticket

1.
 - a. 3; 3
 - b. 4; 4
 - c. 0; 0
2.
 - a. Square crossed off
 - b. Parallelogram crossed off

Homework

1. 4 triangles circled
2. 1 circle and 3 ovals circled
3. 1 rectangle and 1 square circled
4.
 - a. Answers will vary.
 - b. Answers will vary.
5. Have 4 straight sides; have 4 square corners
6. Rectangle circled
7. Two rectangles drawn
8. Any shape that is not a rectangle drawn

Lesson 2

Problem Set

1.
 - a. 7
 - b. 3
 - c. 0
 - d. 1
 - e. 7
2. 3 rectangles circled
3.
 - a. Yes, explanations will vary.
 - b. No, explanations will vary.

Exit Ticket

1. 0; 0; circle
2. 3; 3; triangle
3. 6; 6; hexagon
4. 4; 4; rectangle

Homework

1. 3; 4; 1; 2
2.
 - a. 3; 3
 - b. 3
3.
 - a. 6; 6
 - b. 1
4.
 - a. 0; 0
 - b. 2
5.
 - a. 4; 4
 - b. 1
6.
 - a. Fourth shape from left crossed off
 - b. Open shape; it only has 3 corners
7.
 - a. Fourth shape from left crossed off
 - b. 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

1.

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
2.

a. 2	d. 2
b. 4	e. 2
c. 2	f. 4
3. Vertical line drawn from corner to midpoint
4. Answers may vary.
5. Answers may vary.

Exit Ticket

Circle; 4

Homework

1.

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
2. Line drawn accurately; triangles
3. Line drawn accurately; answers will vary.
4. Lines drawn accurately; triangles

Lesson 8

Problem Set

1.
 - a. No
 - b. No
 - c. Yes
 - d. Yes
 - e. No
 - f. Yes
2.
 - a. Yes
 - b. Yes
 - c. No
 - d. Yes
 - e. No
 - f. No
3.
 - a. Answers may vary.
 - b. Answers may vary.
 - c. Answers may vary.
 - d. Answers may vary.
 - e. Answers may vary.
 - f. Answers may vary.
4.
 - a. Answers may vary.
 - b. Answers may vary.
 - c. Answers may vary.
 - d. Answers may vary.
 - e. Answers may vary.
 - f. Answers may vary.

Exit Ticket

Answers may vary.

Homework

1.
 - a. Unequal parts
 - b. Equal parts
 - c. Halves
 - d. Quarters
 - e. Quarters
 - f. Halves
 - g. Quarters
 - h. Fourths
2.
 - a. 1 half
 - b. 1 quarter
 - c. 1 half
 - d. 1 half
3. Answers may vary.
4. 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

1.
 - a. 5:00
 - b. 12:00
 - c. 8:00
 - d. 1:00
2. Hour hand drawn pointing at 3
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

1. 6:00 or 6 o'clock
2. 9:00 or 9 o'clock
3. 7:00 or 7 o'clock
4. 12:00 or 12 o'clock

Homework

1.
 - a. 2 o'clock, 2:00
 - b. 7 o'clock, 7:00
 - c. 11 o'clock, 11:00
 - d. 4 o'clock, 4:00
 - e. 10 o'clock, 10:00
 - f. 3 o'clock, 3:00
2.
 - a. Answer provided
 - b. Hand pointing to 9, 9:00
 - c. Hand pointing to 12, 12:00
 - d. Hand pointing to 7, 7:00
 - e. Hand pointing to 1, 1:00

Lesson 11

Problem Set

1.
 - a. 2:30, Two thirty
 - b. Half past 5 o'clock, Five thirty
 - c. 12:30, half past 12 o'clock
2.
 - a. Minute hand drawn pointing to 12
 - b. Minute hand drawn pointing to 12
 - c. Minute hand drawn pointing to 6
 - d. Minute hand drawn pointing to 6
 - e. Minute hand drawn pointing to 6
 - f. Minute hand drawn pointing to 12
3.
 - a. Answer provided
 - b. Answer provided
 - c. 11:30, eleven thirty, or half past 11 o'clock
 - d. 2:30, two thirty, or half past 2 o'clock
 - e. 2:00 or 2 o'clock
 - f. 8:30, eight thirty, or half past 8 o'clock
 - g. 10:30, ten thirty, or half past 10 o'clock
 - h. 6:30, six thirty, or half past 6 o'clock
 - i. 7:00 or 7 o'clock
 - j. Seven thirty or half past 7 o'clock
 - k. 4:30, four thirty, or half past 4 o'clock
 - l. Ten thirty or half past 10 o'clock
4. Clock (c.)

Exit Ticket

1. Minute hand drawn pointing to 6
2. Minute hand drawn pointing to 6
3. 1:30, one thirty, or half past 1 o'clock

Homework

1. Clock (b.)
2. Clock (a.)
3. Clock (a.)
4. Clock (b.)
5. 6:30, six thirty, or half past 6 o'clock
6. 7:30, seven thirty, or half past 7 o'clock
7. 10:30, ten thirty, or half past 10 o'clock
8. 12:30, twelve thirty, or half past 12 o'clock
9. 3:30, three thirty, or half past 3 o'clock
10. 4:30, four thirty, or half past 4 o'clock
11. 5:30, five thirty, or half past 5 o'clock
12. 7:30, seven thirty, or half past 7 o'clock

Lesson 12

Problem Set

1. A
2. A
3. A
4. B
5. B
6.
 - a. 7 o'clock, 7:00
 - b. Half past 5, 5:30
 - c. Half past 1, 1:30
 - d. Half past 7, 7:30
7.
 - a. Hour hand between 3 and 4, minute hand at 6
 - b. Hour hand between 8 and 9, minute hand at 6
 - c. Hour hand at 11, minute hand at 12
 - d. Hour hand at 6, minute hand at 12
 - e. Hour hand between 4 and 5, minute hand at 6
 - f. Hour hand between 12 and 1, minute hand at 6

Exit Ticket

1. Hour hand between 1 and 2, minute hand at 6
2. Hour hand at 10, minute hand at 12
3. Hour hand between 5 and 6, minute hand at 6
4. Hour hand between 7 and 8, minute hand at 6

Homework

1. Hour hand at 10, minute hand at 12
2. Minute hand at 6
3. Hour hand at 8
4. 6:30 or half past 6 o'clock
5. Hour hand at 3, minute hand at 12
6. Minute hand at 6
7. 2:00 or two o'clock
8. Hour hand between 6 and 7, minute hand at 6
9. Minute hand at 6
10. Hour hand at 4, minute hand at 12
11.
 - a. 3:30—second clock
 - b. 7:30—sixth clock
 - c. 6:00—fifth clock
 - d. 5:30—first clock
 - e. 4:30—fourth clock
 - f. Half past 6 o'clock—third clock

Lesson 13

Problem Set

1. Clock (b.) circled; 1:00 or 1 o'clock; 12:30, two thirty, or half past two o'clock
2. Clock (a.) circled; 8:00 or 8 o'clock; 6:00 or six o'clock
3. Clock (c.) circled; 11:30, eleven thirty, or half past 11 o'clock; 11:00 or 11 o'clock
4.
 - a. 2:00
 - b. 4:30
 - c. 10:00
5.

a. Hour hand at 1, minute hand at 12 b. Hour hand between 1 and 2, minute hand at 6 c. Hour hand at 2, minute hand at 12 d. Hour hand between 6 and 7, minute hand at 6 e. Hour hand between 7 and 8, minute hand at 6 f. Hour hand between 8 and 9, minute hand at 6	g. Hour hand at 10, minute hand at 12 h. Hour hand at 11, minute hand at 12 i. Hour hand at 12, minute hand at 12 j. Hour hand between 9 and 10, minute hand at 6 k. Hour hand at 3, minute hand at 12 l. Hour hand between 5 and 6, minute hand at 6
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Exit Ticket

1. Clock (c.)
2.
 - a. Hour hand between 4 and 5, minute hand at 6
 - b. 12:00 or twelve o'clock
 - c. 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.)