



Answer Key

GRADE K • MODULE 6

Analyzing, Comparing, and Composing Shapes

Lesson 1

Problem Set

Line drawn to finish triangle; corners colored red; another triangle drawn

2 lines drawn to finish square; corners colored red; another square drawn

Triangle drawn; different triangle drawn

5; 3; 5; 4; 5

4; 3; 1; 3; 1

1; 0; 1; 3; 0

4; 2; 2; 4; 5

Exit Ticket

Answers will vary.

Homework

Line drawn to finish triangle; triangle colored green; bigger triangle drawn

2 lines drawn to finish rectangle; corners circled in red; X's placed on longer sides

Line drawn to finish hexagon; hexagon colored blue; 6

3 shapes drawn on back of paper: 1 with 3 straight sides; 1 with 4 straight sides; 1 with 6 straight sides

Lesson 2

Core Fluency Sprint A

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

Core Fluency Sprint B

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

Core Fluency Sprint C

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

Core Fluency Sprint D

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

Problem Set

Triangle, rectangle, triangle, and hexagon traced

3 different triangles drawn in the box

2 different rectangles drawn in the box

1 hexagon drawn in the box

1; 2; 3; 4; 5

1; 2; 3; 4; 5

2; 1; 1; 2; 5

1; 3; 5; 3; 1

Exit Ticket

Triangle drawn with all sides of different length

Triangle drawn with 2 sides the same length

Homework

Shapes traced; related shapes drawn in the box

Lesson 3

Fluency Activity Sheet

Add

RED	ORANGE	YELLOW	GREEN	BLUE
ORANGE	YELLOW	GREEN	BLUE	
YELLOW	GREEN	BLUE		
GREEN	BLUE			
BLUE				

Subtract

RED	ORANGE	YELLOW	GREEN	BLUE
PURPLE	RED	ORANGE	YELLOW	GREEN
	PURPLE	RED	ORANGE	YELLOW
		PURPLE	RED	ORANGE
			PURPLE	RED
				PURPLE

Problem Set

Cylinder constructed correctly

Cube constructed correctly

Exit Ticket

Line drawn from circle to soup can

Line drawn from square to die

Line drawn from triangle to sandwich

Homework

Object shaped like cylinder drawn; circle

Object shaped like cube drawn; square

Object shaped like cone drawn; triangle

Answers will vary.

Lesson 4

Problem Set

Circle drawn around 2nd truck; square drawn around 5th truck; X placed on 9th truck

Circle drawn around 1st vehicle; triangle drawn around 4th vehicle; square drawn on 6th vehicle

Circle drawn around 3rd horse; triangle drawn around 7th horse; square drawn around 8th horse;

X placed on 10th horse

Lines drawn from shapes to correct ordinal numbers

Exit Ticket

1st shape colored pink; 2nd shape colored green; 5th shape colored red; 7th shape colored blue; 8th shape colored orange; 10th shape colored yellow

Homework

1st star colored red; 3rd star colored blue; 5th star colored green; 8th star colored purple

X placed on 2nd shape; triangle drawn in the 4th shape; circle drawn around 6th shape; square drawn in the 9th shape

Circle drawn around 7th shape; X placed on 1st shape; square drawn in the 5th shape; triangle drawn in the 3rd shape

Line drawn from the lion to “first”; line drawn from the grey-striped cat to “second”; line drawn from the zebra to “third”; line drawn from the yellow-striped cat to “fourth”; line drawn from the snake to “fifth”; line drawn from the snail to “sixth”

Lesson 5

Sprint

Answer keys for all Core Fluency Sprints can be found in GK–M6–Lesson 2.

Problem Set

Answers will vary.

Answers will vary.

Answers will vary.

Answers will vary.

4; 3; 2; 1

Exit Ticket

Answers will vary.

Homework

First bullet in the left column matched to the third bullet in the right column

Second bullet in the left column matched to the first bullet in the right column

Third bullet in the left column matched to the fourth bullet in the right column

Fourth bullet in the left column matched to the second bullet in the right column

Lesson 6

Sprint

- | | |
|------|-------|
| 1. 1 | 9. 9 |
| 2. 2 | 10. 1 |
| 3. 3 | 11. 2 |
| 4. 4 | 12. 8 |
| 5. 5 | 13. 3 |
| 6. 6 | 14. 7 |
| 7. 7 | 15. 4 |
| 8. 8 | 16. 6 |

Problem Set

Answers will vary.

Exit Ticket

Answers will vary.

Answers will vary.

Homework

Drawing shows how 4 small triangles can be used to compose a large triangle; 4

Drawing shows how 6 triangles can be used to compose a hexagon; 6

Lesson 7

Problem Set

Answers will vary.

All shapes except the circle and the narrow rectangle circled

All shapes except the 2 rectangles circled

Exit Ticket

Answers will vary.

Homework

Answers will vary.

Lesson 8

Culminating Activities

Answers will vary.