



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 2<sup>nd</sup> truck, square drawn around 5<sup>th</sup> truck; X placed on 9<sup>th</sup> truck

Circle drawn around 1<sup>st</sup> vehicle; triangle drawn around 4<sup>th</sup> vehicle; square drawn on 6<sup>th</sup> vehicle

Circle drawn around 3<sup>rd</sup> horse; triangle drawn around 7<sup>th</sup> horse; square drawn around 8<sup>th</sup> horse;

X placed on 10<sup>th</sup> horse

Lines drawn from shapes to correct ordinal numbers

### Exit Ticket

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

### Homework

1<sup>st</sup> star colored red; 3<sup>rd</sup> star colored blue; 5<sup>th</sup> star colored green; 8<sup>th</sup> star colored purple

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

Circle drawn around 7<sup>th</sup> shape; X placed on 1<sup>st</sup> shape; square drawn in the 5<sup>th</sup> shape; triangle drawn in the 3<sup>rd</sup> 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.