

# **Mathematics Curriculum**



**GRADE K • MODULE 3** 

**Answer Key** 

# **GRADE K • MODULE 3**

Comparison of Length, Weight, Capacity, and Numbers to 10



Module 3:

#### **Problem Set**

First tower circled; second tower circled; second tower circled

Flower drawn taller than vase; tree drawn taller than house

Glue circled; second hammer circled; first lightning bolt circled

Bookmark drawn shorter than book; crayon drawn shorter than pencil

#### Homework

3 shorter flowers drawn; 5

2 taller ladybugs drawn; 4

Object drawn taller than student; object drawn shorter than flag pole

# **Recording Sheet**

Answers will vary.

#### **Problem Set**

Pants, car, key, and left side of door colored orange

Glove, leaf, butterfly, and top of door colored green

Answers will vary.

#### Homework

#### **Problem Set**

Answers will vary.

#### Homework

Vehicles shorter than crayon circled in blue

Vehicles longer than crayon circled in red

#### **Problem Set**

4-stick circled, 4; 3-stick circled, 3

6-stick circled, 6; 7-stick circled, 7

Stick shorter than 5 drawn

Stick longer than 6 drawn

Stick shorter than 9 drawn

#### Homework

1-, 2-, 3-, and 4-sticks circled in red

6-, 7-, and 9-sticks circled in blue

7-stick drawn; 1 stick longer than 7-stick drawn; 1 stick shorter than 7-stick drawn

#### **Problem Set**

2-stick circled; 3-stick circled

5-stick circled

5, 4; 4, 5

7-stick circled

9, 7; 7, 9

6-stick drawn; 1 stick longer than 6-stick drawn; 1 stick shorter than 6-stick drawn

OR

9-stick drawn; 1 stick longer than 9-stick drawn; 1 stick shorter than 9-stick drawn

#### Homework

6-stick circled

6, 7; 7, 6

7-stick drawn; 1 stick longer than 7-stick drawn; 1 stick shorter than 7-stick drawn

9-stick circled

8, 9; 9, 8

5-stick drawn; 1 stick longer than 5-stick drawn; 1 stick shorter than 5-stick drawn

#### **Problem Set**

Stick circled blue; 6

Stick circled green; 9

3-stick traced; crayon traced

Stick longer than marker traced; marker traced

5-stick traced; object longer than 5-stick traced

#### Homework

7 cubes next to palm tree colored

4 cubes under crayon colored

3 cubes under bus colored

4 cubes under shoe colored

#### **Problem Set**

2 cubes colored red; 3 cubes colored green; 5; YES circled

1 cube colored red; 4 cubes colored green; 5; YES circled; 5

6-stick traced; object the same length drawn

7-stick traced; object the same length drawn

8-stick traced; object the same length drawn

#### Homework

2 cubes colored green; 3 cubes colored blue

3 cubes colored blue; 2 cubes colored green; 5

1 cube colored green; 4 cubes colored blue; 5

4 cubes colored green; 1 cube colored blue; 5

2 cubes colored yellow; 2 cubes colored blue; 4

#### **Fluency**

| 1 oval drawn; 5 ovals circled | 2 triangles crossed out; 5 triangles circled |
|-------------------------------|--|
|                               |  |

| ed out: 5 triangles circled 3 squares crossed out: 5 squares circ |
|---|
|---|

5 squares circled 7 ovals crossed out; 5 ovals circled

#### **Problem Set**

Book circled; pen circled

Large bear circled; shoe circled

Tennis ball circled; watermelon circled

Answers will vary.

#### Homework

# **Recording Sheet**

Answers may vary.

#### Homework



# **Recording Sheet**

Answers may vary.

#### Homework

6;9

5 pennies drawn; 10 pennies drawn



#### **Problem Set**

Line drawn from 3 cubes to 3 cubes

Line drawn from 4 cubes to 4 cubes

Line drawn from 6 cubes to 6 cubes

Line drawn from 10 cubes to 10 cubes

#### Homework

1 cube drawn; 1 cube drawn

1 cube drawn; 1 cube drawn

9 cubes drawn

# **Recording Sheet**

Answers will vary.

#### Homework

8; 2

10; 6

# **Recording Sheet**

Answers may vary.

#### **Problem Set**

Verbal answers may vary.

#### Homework

2 sets within each set of 6 circled. Answers may vary.



# **Recording Sheet**

Answers may vary.

#### Homework

1 set of 6 circled for each. Answers may vary.



# **Recording Sheet**

Answers may vary.

#### Homework

2 sets within each set of 7 circled



# **Recording Sheet**

Answers may vary.

#### **Problem Set**

10 squares cover the shape; 10

Answers may vary.

#### Homework

Student's hand traced; adult's hand traced

Bigger hand size recorded; answers may vary.

#### **Problem Set**

Line drawn from each butterfly to each flower

Plates with matching number of apples drawn

#### Homework

Line drawn from each pail to each shovel

Line drawn from each plate to each fork; 1 fork drawn

4 fishbowls drawn

#### **Problem Set**

Line drawn from each hat to a scarf; scarves circled; X placed on two scarves

More than 6 leaves drawn

#### Homework

Line drawn from each hoop to a ball; ball circled; 6

8; 8; yes circled

#### **Problem Set**

Set of 5 ladybugs circled; 2 ladybugs drawn

Set of 6 watermelon slices circled; 1 watermelon slice drawn

Fewer suns than stars drawn

#### Homework

1 bird drawn

5 dogs drawn; fewer than 5 doghouses drawn; 5 bones drawn



#### **Sprint**

| 1 | 2 |
|---|---|
| 2 | 2 |
| 3 | 1 |
| 3 | 3 |

#### **Problem Set**

2 beads colored; 5 beads colored; bottom chain circled; 5, 2

6 beads colored; 4 beads colored; top chain circled; 6, 4

Answers will vary; chain with fewer beads circled

Answers will vary; chain with fewer beads circled

More chains drawn; number recorded for each

#### Homework

3 beads colored blue; more than 3 beads colored red; answers will vary.

5 beads colored green; fewer than 5 beads colored yellow; answers will vary.

2 beads colored brown; more than 2 beads colored blue; answers will vary.

9 beads colored red; fewer than 9 beads colored green; answers will vary.

Chain with more than 3 beads but fewer than 10 beads drawn

Chain with fewer than 10 beads but more than 4 beads drawn

#### **Sprint**

See GK-M1-Lesson 20 answer key.

#### **Recording Sheet**

Answers may vary.

#### **Problem Set**

Circles colored red; 2

Triangles colored yellow; 5

Hexagons colored green; 3

Rectangles colored orange; 9

Rectangle colored

Triangle colored

Rectangle colored

Triangle colored

Circle colored

Circle colored

#### Homework

Set of bicycles circled

Set of children circled

Set of moons circled

5 books drawn; some apples drawn; answers may vary.



#### **Problem Set**

5 circles drawn

7 circles drawn

10 circles drawn

Answers will vary.

#### Homework

8 nests drawn

6 trees drawn

10 bananas drawn

Some pencils and an equal number of crayons drawn

#### **Problem Set**

- 3; 4 leaves drawn, 4
- 5; 6 fish drawn, 6
- 7; 8 acorns drawn, 8
- 9; 10 pieces of corn drawn, 10

Answers will vary.

#### Homework

- 6; 7 balls drawn; 7
- 9; 10 peanuts drawn; 10



#### **Problem Set**

- 5; 4 suns drawn, 4
- 7; 6 clouds drawn, 6
- 9; 8 sharks drawn, 8
- 10; 9 worms drawn, 9

Answers will vary.

#### Homework

- 5; 4 circles drawn, 4
- 7; 6 circles drawn, 6
- 10; 9 circles drawn, 9
- 9; 8 circles drawn, 8



# **Sprint**

See GK-M3-Lesson 20 answer key.

#### **Problem Set**

3; 5; 5; 3

7; 8; 8; 7

8; 10; 10; 8

Answers will vary.

#### Homework

5; 6; 6; 5

7; 5; 7; 5

5; 6; 6; 5

#### **Problem Set**

6; 4; 4; 6

5; 7; 5; 7

9; 8; 8; 9

Answers will vary.

#### Homework

9; 8; 8; 9

8; 10; 8; 10

7; 9; 7; 9

#### **Problem Set**

Tower with more than 3 cubes drawn; answers will vary.

Tower with fewer than 5 cubes drawn; answers will vary.

Tower with more than 7 cubes drawn; answers will vary.

Train and another train with fewer cubes drawn; answers will vary.

Tower and another tower with fewer cubes drawn

#### Homework

Tower with more than 5 cubes drawn; answers will vary.

Tower with fewer than 9 cubes drawn; answers will vary.

Train with more than 7 cubes drawn; answers will vary.

Tower and another tower with more cubes drawn; answers will vary.

# **Sprint**

3 3 4 5 5 1 4 3

#### **Problem Set**

5; 3; 3; 5

7; 6; 6; 7

8; 6; 6; 8

10; 9; 9; 10

Answers will vary.

### Homework

7; 4; 4; 7

10; 9; 9; 10

8; 6; 6; 8

5; 4; 4; 5

# **Recording Sheet**

Answers will vary.

#### Homework

Line drawn from 4 full containers to Full

Line drawn from 3 partially full containers to Not Full

Line drawn from 3 empty containers to *Empty* 



# **Recording Sheet**

Answers will vary.

#### Homework

Apples colored per directions.

- 4;6
- 2;8
- 7; 3
- 1;9
- 9; 1
- 3; 7

# **Sprint**

| 3 | 5 |
|---|---|
| 4 | 4 |
| 5 | 3 |
| 3 | 5 |
| 4 | 5 |
| 5 | 4 |

### **Problem Set**

Imaginary animal composed of various shapes drawn

#### Homework

Castle composed of various shapes drawn

# **Recording Sheet**

Answers will vary.

#### Homework

