# **New York State Common Core**



# **Mathematics Curriculum**



**GRADE K • MODULE 5** 

**Answer Key** 

# **GRADE K • MODULE 5**

Numbers 10-20 and Counting to 100



Module 5: Date:



#### **Problem Set**

Footballs

**Apples** 

Sticks

Soccer balls

4

# **Exit Ticket**

Lightning bolts

1

#### Homework

Triangles - not circled

Circles - circled

Hearts - circled

Diamonds - circled

Triangles – not circled

Faces – 10 circled, 2 not circled

Suns - circled

Squares - circled

Lightning bolts – not circled

Cylinders – circled

Half-moons - not circled

Triangles - not circled

Circles - circled

Rectangular prisms - circled

Trapezoids - not circled

Hearts - not circled

Ovals - circled

Triangles - not circled

Hearts - circled

Triangles – circled



Module 5: Date:



## **Problem Set**

10 rubber ducks checked; 3

10 gifts checked; 10, 6

10 pigs checked; 2

10 glasses checked; 10, 1

10 small circles and 2 small circles drawn in any configuration

10 ones and 4 ones drawn using lines, circles, or objects of choice

#### **Exit Ticket**

10 ones and 3 ones

10 ones and 5 ones

10 ones and 10 ones

10 ones and 2 ones

## Homework

2 more circles drawn

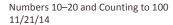
3 more half-moons drawn

1 more heart drawn

5 more faces drawn









2

## **Problem Set**

10 ice cream cones circled; 5

10 peppers circled; 10, 3

10 apples circled; 10, 2

2 groups of 10 pushpins circled; 10, 10

13 things drawn, 10 circled

18 things drawn, 10 circled

#### **Exit Ticket**

10 hearts circled; 3

16 objects drawn, 10 circled

#### Homework

10 ducks circled; 2

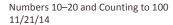
10 diamonds circled; 10, 8

10 faces circled; 4

10 watering pails circled; 10, 1









#### **Problem Set**

10 circles drawn; 3 circles drawn 10 circles drawn; 7 circles drawn 10 circles drawn; 2 circles drawn 10 circles drawn; 9 circles drawn

#### **Exit Ticket**

1

10,5

5

10, 7

#### Homework

Pictures matched to numbers

# **Fluency Template 2**

10 triangles circled10 half-moons circled10 circles circled10 triangles circled10 hearts circled10 circles circled

10 diamonds circled10 rectangular prisms circled10 triangles circled10 trapezoids circled10 faces circled10 hearts circled10 suns circled10 ovals circled10 squares circled10 triangles circled10 lightning bolts circled10 hearts circled

10 cylinders circled 10 triangles circled



Module 5: Date:



#### **Problem Set**

10 umbrellas circled; 3 checked; ten three 10 kittens circled; 4 checked; ten four 2 groups of 10 pineapples circled; two ten 10 bananas circled; 7 checked; ten seven 10 hot dogs circled; 1 checked; ten one

## **Exit Ticket**

3;5

10, 7; 10, 8; 10, 9

## Homework

10, 1; 10, 3

10, 4; 10, 6

10, 5; 10, 7

10, 0; 10, 2

10, 8; 10, 10







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# **Fluency Template 2**

10 triangles circled10 half-moons circled10 circles circled10 triangles circled10 hearts circled10 circles circled

10 diamonds circled 10 rectangular prisms circled 10 triangles circled 10 trapezoids circled

10 triangles circled10 trapezoids circled10 faces circled10 hearts circled10 suns circled10 ovals circled10 squares circled10 triangles circled10 lightning bolts circled10 hearts circled

10 cylinders circled 10 triangles circled



Module 5: Number 10–20 and Counting to 100 Date: 11/22/14



## **Problem Set**

10 dots, 5 dots; 15 10 dots, 8 dots; 18 10 dots, 6 dots; 16

## **Exit Ticket**

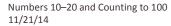
10 dots and 4 dots drawn; 14 14 objects drawn and 10 circled

#### Homework

10 dots, 2 dots; 12 10 dots, 7 dots; 17 10 dots, 9 dots; 19 10 dots, 4 dots; 14









# **Problem Set**

0

11; 10,1

12; 10, 2

10, 3

14; 10, 4

15; 10, 5

10, 6

17; 10, 7

18; 10, 8

19; 10, 9

10, 10

10 smiley faces circled; 13; 10, 3

## **Exit Ticket**

1

10, 4

17; 10, 7

## Homework

8

7

10,6

10,5

14; 10, 4

13; 10, 3

10, 2

10, 1

10; 10, 0



Module 5: Date:

Numbers 10-20 and Counting to 100 11/22/14



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#### **Problem Set**

10 dots drawn the 5-group way and 1 more 10 dots drawn the 5-group way and 8 more 10 dots drawn the 5-group way and 5 more 10 dots drawn the 5-group way and 4 more 10 dots drawn the 5-group way and 2 more 10 dots drawn the 5-group way and 7 more 20 dots drawn the 5-group way 10 dots drawn the 5-group way and 3 more

#### **Exit Ticket**

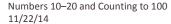
10 dots drawn the 5-group way and 6 more 10 cubes and 2 cubes drawn

#### Homework

10 dots drawn the 5-group way and 5 more 10 dots drawn the 5-group way and 3 more 10 dots drawn the 5-group way and 7 more 10 dots drawn the 5-group way and 1 more 10 dots drawn the 5-group way and 2 more 10 dots drawn the 5-group way and 6 more 20 dots drawn the 5-group way 10 dots drawn the 5-group way and 4 more









#### **Problem Set**

10 circles drawn; 2 circles drawn
10 circles drawn; 7 circles drawn
10 circles drawn; 6 circles drawn
10 circles drawn; 3 circles drawn
2 sets of ten drawn and circled
10 and 1 drawn; 1 set of 10 circled

Answers will vary.

#### **Exit Ticket**

10 circles drawn; 5 drawn 10 circles drawn; 9 drawn 18 circles drawn; 10 circled 14 circles drawn; 10 circled

#### Homework

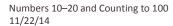
16 objects drawn; 10 circled

20 objects drawn; 2 sets of 10 circled

19 objects drawn; 10 circled 14 objects drawn; 10 circled 12 objects drawn; 10 circled









#### **Problem Set**

Left-hand fingernails colored red
Right-hand fingernails colored black
Corresponding beads below colored to match the hands
Numbers 1 to 10 written beneath the beads

#### **Exit Ticket**

Two rows of 5 red beads and 5 yellow beads drawn 20

Hands with fingernails drawn; 10

#### Homework

Number bond showing that 10 and 3 make 13; fingernails and beads colored to match Number bond showing that 10 and 4 make 14; fingernails and beads colored to match Number bond showing that 10 and 1 make 11; fingernails and beads colored to match Number bond showing that 10 and 2 make 12; fingernails and beads colored to match Number bond showing that 10 and 6 make 16; fingernails and beads colored to match Number bond showing that 10 and 7 make 17; fingernails and beads colored to match



Module 5: Date:



#### **Problem Set**

- 12 written; squares colored to equal 1 more than 11
- 13 written; squares colored to equal 1 more than 12
- Squares colored to equal 1 more than 13
- 15 written
- 16 written; squares colored to equal 1 more than 15
- 17 written; squares colored to equal 1 more than 16
- 18 written; squares colored to equal 1 more than 17
- Squares colored to equal 1 more than 18
- 20 written

#### **Exit Ticket**

Lines drawn to correct numbers; tower completed

#### Homework

- 11 written
- 10 o's and 2 x's drawn to make 12
- 13 written
- 10 o's and 4 x's drawn to make 14
- 15 written
- 10 o's and 6 x's drawn to make 16
- 10 o's and 7 x's drawn to make 17
- 10 o's and 8 x's drawn to make 18
- 19 written
- 10 o's and 10 x's drawn to make 20



Module 5: Date:



#### **Problem Set**

Squares colored to equal 1 less than 20

18 written; squares colored to equal 1 less than 19

17 written; squares colored to equal 1 less than 18

16 written; squares colored to equal 1 less than 17

Squares colored to equal 1 less than 15

13 written; squares colored to equal 1 less than 14

12 written; squares colored to equal 1 less than 13

10 written

#### **Exit Ticket**

10

13, 11, 10

11, 10, 9

#### Homework

19 written

10 o's and 8 x's drawn to make 18

17 written

10 o's and 6 x's drawn to make 16

15 written

10 o's and 4 x's drawn to make 14

10 o's and 3 x's drawn to make 13

10 o's and 2 x's drawn to make 12

11 written

10 o's drawn to make 10



Module 5: Date:

## **Problem Set**

12, 14, 16, 18, 20

11, 15, 16, 19, 20

16

16

15 circles drawn in rows

12 squares drawn in rows

## **Exit Ticket**

12

Second set of blocks circled

Answers may vary.

# Homework

Dots drawn to show 10 and 5

Dots drawn to show 10 and 7

Dots drawn to show 10 and 2

Dots drawn to show 10 and 9



Module 5: Date:



## **Problem Set**

14

12

15

18

3 more circles drawn

4 more triangles drawn

Answers will vary.

#### **Exit Ticket**

12

4 more dots drawn

# Homework

12

10

9 more dots drawn

10 dots and 8 dots drawn; 18

Answers will vary.



Module 5: Date:



## **Problem Set**

30, 40, 60, 70, 80 80, 70, 50, 40, 30, 10 2, 4, 5, 6, 7 tens, 8 tens

#### **Exit Ticket**

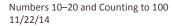
20, 30, 40, 50, 30, 20, 10 Down then up: 9, 8, 6, 5, 3, 2

#### Homework

90, 80, 70, 60, 50, 30, 20 10 tens, 90, 8, 7, 60, 50, 5, 30, 3, 20, 2, 10, 1









## **Problem Set**

21, 23, 25, 27, 28, 29

41, 42, 43, 45, 47

93, 94, 95, 96, 97, 98, 99

65, 66, 67; 65, 64, 63

#### **Exit Ticket**

50, 51, 54, 55, 56, 57

32, 33, 34, 33, 31

#### Homework

79, 78, 77, 76, 74, 73, 72

10, 11, 13, 15, 17, 18, and 19

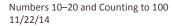
85, 86, 87, 88, 89; 88, 87, 86, 85, 84

31, 32, 33, 34, 35; 34, 33, 32, 31, 30

97, 98, 99, 98, 96









## **Problem Set**

15, 21, 28, 40

18, 19, 20, 22

27, 29, 30, 31, 32

33, 34, 35, 37, 38, 39, 40

9, 20, 30

## **Exit Ticket**

29 crossed out; 26 written

43 crossed out; 34 written

Second 29 crossed out; 30 written

44 crossed out; 40 written

# Homework

3 more dots drawn to make 23

20 more dots drawn to make 27

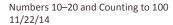
10 more dots drawn to make 34

8 more stars drawn to make 38

10 more raindrops drawn to make 40









18

## **Problem Set**

Last dot in each row colored green

First dot in each row outlined with blue square

Fifth dot in each row outlined with green triangle

#### **Exit Ticket**

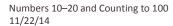
Last dot in each row colored purple

## Homework

Circle 28 colored green; circle 34 colored red Circle 45 colored yellow; circle 52 colored blue Circle 83 colored purple; circle 77 colored red Last number in each row colored black









## **Problem Set**

- 21, line to 11
- 38, 18 circled, line drawn to 18
- 25, 15 circled, line drawn to 15
- 32, 12 circled, line drawn to 12
- 37, 17 circled, line drawn to 17

## **Exit Ticket**

25, 15

12 circled; 32, 12

#### Homework

- 37, 1 more drawn, 38
- 11, 1 more drawn, 12
- 43, 1 more drawn, 44
- 25, 1 more drawn, 26
- 40, 1 more drawn, 41
- 36, 1 more drawn, 37







# **Problem Set**

10, 5; 10, 5

17; 10, 7

18; 18

16; 6; 16

14; 10, 4; 14

12; 10, 2; 10, 2

10, 1; 11, 10, 1

## **Exit Ticket**

10 and 2 circled

1 and 10 circled

4 and 10 circled

10 and 8 circled

10 and 0 circled

10 and 10 circled

#### Homework

5 stars drawn; 15 = 10 + 5; 10 + 5 = 15

10 stars drawn; 17 = 10 + 7; 10 + 7 = 17

9 stars drawn; 19 = 10 + 9; 10 + 9 = 19

10 stars and 4 stars drawn; 14 = 10 + 4; 10 + 4 = 14

10 stars drawn; 20 = 10 + 10; 10 + 10 = 20



Module 5: Date:



# **Problem Set**

- 10, 2; 2, 2
- 13; 3; 3, 3
- 15; 10; 10
- 10, 7; 10; 10
- 18; 8; 10, 8
- 10, 6; 10; 10
- 19, 10, 9; 10, 9

# **Exit Ticket**

- 10, 7; 10; 7
- 10; 10, 13; 3

# Homework

- 5; 5; 5 cubes drawn
- 10; 10; 10 cubes drawn
- 16; 10; 10 cubes drawn
- 10; 10; 10 cubes drawn



Module 5: Date:

Numbers 10-20 and Counting to 100 11/22/14



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## **Problem Set**

- 10 erasers; 10 pencils circled; pencils checked
- 10 sandwiches; 10 cartons of milk circled; sandwiches checked
- 10 baseballs; 10 gloves circled; 16; 16
- 10 apples circled, 15; 10 oranges circled, 12; oranges checked
- 10 spoons circled, 19; 10 forks circled; 18; more circled

## **Exit Ticket**

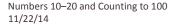
- 12, less, 20
- 13, less, 15
- 19, more, 16

#### Homework

- 6; 7; second group checked
- 10; 1; first group checked
- 12; 20; second group checked









## **Problem Set**

Drawing of 5 apples in a bag and 10 apples in a bowl

Drawing of 13 toy trucks with 10 circled

$$13, 10, 3; 13 = 10 + 3$$

Drawing of 16 bags of popcorn with 10 circled

#### **Exit Ticket**

12 balls drawn with 10 circled

$$12, 10, 2; 10 + 2 = 12$$

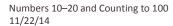
#### Homework

17 donuts drawn with 10 circled; 17 = 10 + 7; 17, 10, 7

17 baseball cards drawn with 10 circled; 10 + 7 = 17; 17, 10, 7









# **Culminating Activities**

Answers will vary.



Module 5: Date:

