



Answer Key

GRADE K • MODULE 5

Numbers 10–20 and Counting to 100

Lesson 1

Problem Set

Footballs
Apples
Sticks
Soccer balls
4

Exit Ticket

Lightning bolts
1

Homework

Triangles – not circled	Half-moons – not circled
Circles – circled	Triangles – not circled
Hearts – circled	Circles – circled
Diamonds – circled	Rectangular prisms – circled
Triangles – not circled	Trapezoids – not circled
Faces – 10 circled, 2 not circled	Hearts – not circled
Suns – circled	Ovals – circled
Squares – circled	Triangles – not circled
Lightning bolts – not circled	Hearts – circled
Cylinders – circled	Triangles – circled

Lesson 2

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

Lesson 3

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

Lesson 4

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 circled

10 circles circled

10 hearts circled

10 diamonds circled

10 triangles circled

10 faces circled

10 suns circled

10 squares circled

10 lightning bolts circled

10 cylinders circled

10 half-moons circled

10 triangles circled

10 circles circled

10 rectangular prisms circled

10 trapezoids circled

10 hearts circled

10 ovals circled

10 triangles circled

10 hearts circled

10 triangles circled

Lesson 5

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

Fluency Template 2

10 triangles circled

10 circles circled

10 hearts circled

10 diamonds circled

10 triangles circled

10 faces circled

10 suns circled

10 squares circled

10 lightning bolts circled

10 cylinders circled

10 half-moons circled

10 triangles circled

10 circles circled

10 rectangular prisms circled

10 trapezoids circled

10 hearts circled

10 ovals circled

10 triangles circled

10 hearts circled

10 triangles circled

Lesson 6

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

Lesson 7

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

Lesson 8

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

Lesson 9

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

Lesson 10

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

Lesson 11

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

Lesson 12

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

Lesson 13

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

Lesson 14

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.

Lesson 15

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

Lesson 16

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

Lesson 17

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

Lesson 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

Lesson 19

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

Lesson 20

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; $20 = 10 + 10$; $10 + 10 = 20$

Lesson 21

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

Lesson 22

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

Lesson 23

Problem Set

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

15, 10, 5; $5 + 10 = 15$

Drawing of 13 toy trucks with 10 circled

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

Drawing of 16 bags of popcorn with 10 circled

16, 10, 6; $16 = 10 + 6$

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

Lesson 24

Culminating Activities

Answers will vary.