1st Grade Math Assessment 2018/19 (based on Common Core Standards)

Name _____

Date: _____

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1. NBT. 1   Fill in the blanks.

A. 29, _____, 31   B. _____, 8, 9   C. 115, 116, _____   D. 65, _____, 67

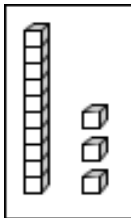1. NBT. 2   See performance assessment. Fill in 100s chart to 150.

1. NBT.3

First, determine the place value of the pictorial model. Then, compare the model in the inequality.

_____tens _____ ones   _____ tens _____ ones

18   _____   _____   62

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1. NBT. 5   Find 10 more than 82.

A. 72   B. 92   C. 830   D. 82

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1. NBT. 5   Find 10 less than 46.

A. 56   B. 470   C. 36   D. 26

1. NBT. 5   What did you do to solve this problem?

_____
_____
_____
_____.

1. A.	
2. B.	
3. C.	
4. D.	
5.	
6. ____ tens	
_____ ones	
18 ____	
7. ___ tens	
_____ ones	
___ 62	
8. ____	
9. ____	

1.NBT. 6

If &+5=12

Then 70 + 50 = _____

A. 12, because I used fact families

B. 120, because I used multiples of 10

C. 20, bevause 70-50=20

D. 75, bevause 70+50 = 75

11. _____

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1. NBT. 4 Add.

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    85
 +  23
 ___
```

A. 18

B. 62

C. 118

D. 108

12. _____

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1. NBT. 4 In question 12, what numbers do you add first and why?

A. 8+2 because it is the tens place

B. 8+2 because you want to try to make tens

C. 5+3 because you start with the ones place

D. 5+3, because you always try to add fives

13. _____

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1. NBT. 4 Juan solved this problem. Is he correct? If so, what did he do to solve it? If not, what was his mistake?

```
4

9

+

1

7

5

6
```

14._____
   _____
   _____
   _____
   _.

14.

---

1. OA. 2 Sam has 2 dogs. Kate has 4 dogs. Zeke has 8 dogs. How many dogs do they have altogether?   (Make sure to write your equation!)

A. 6 dogs

B. 12 dogs

C. 14 dogs

D. 2 dogs

15.___

1. OA.3

Fred was solving the following problem What strategy would you tell Fred to use, to solve the problem quickly, in the best way?

Which number is mission?

___ + 8 = _____

8+ ____ = _____

17-8 = _____

17 - _____ = ___

A. Fred should use counters.

B. Fred should use his fingers.

C. Fred should use decomposing numbers.

D. Fred should use fact families.

16 _____

1.OA.1

Miss Hall has 6 cupcakes. Miss Lopez gives her 11 more. How many cupcakes does Miss Hall have in all?

Draw a picture and write a number sentence to solve the problem.

17 _____

1.OA.1

Miss Perret has 13 books. She gives 7 to Miss Parker. How many does Miss Perret have left? Draw a picture and write a number sentence to solve the problem.

18.____

1.OA.5

Read the word problem below. Draw the data. Then solve and put your answer in the box.

Kim has 3 stars. Jim has 8 stars. How many stars do they have altogether?

19._____

3

1.OA.5

Which question could you add to make the students use subtraction (-) to solve it?

Mr. Meek's class made 16 clay mugs in art class, but 7 of them cracked and had to be thrown away.

A.   How many mugs are left?

B.   How many mugs did they make total?

C.   How many mugs cracked?

D.   How many mugs did they make altogether?

20. _____

1.OA.5

Use the number lines to solve. Draw an arrow or a hop to indicate what direction you move.

21. 3+6=_____

22. 18-7=_____

21. _____

22. _____

1.OA.6, 8

Miss Villaruz has 12 cats. Miss Brennan gives her 3 more. Which problem shows the best way you could decompose and compose numbers to solve the problem with mental math?

A. 10+ 5 = 15   B. 14 + 1 = 15   C. 12 – 2 – 1 = 9   D. 12 + 1+1+1 = 15

23. _____

1.OA.7   Which of the following is wrong?

A. 8-3 = 2+3   B. 10-4 = 12-2-2   C. 12-4 = 10 – 2   D. 15+3 = 10 + 8

24._____

5

1.OA.1.

25._____

Read the word problem below. Draw the data. Then solve and put your answer in the box.

Manuel had 10 quarters. He spent 3 of them at the store. How many are left?

1.OA.1

26._____

Read the word problem below. Draw the data. Then solve and put your answer in the box.

Ms. Kasper's class has 11 students. Ms. Crowell's class has 9 students. How many more students does Ms. Kasper have than Ms. Crowell?

_____

_____

1.OA.1

27._____

Andy ran 14 miles today. Julie ran 25 miles. Andy wants to use the following equation to find how many miles they ran altogether:

14 + 25 = ___

Is this the correct equation? Explain why or why not.

_____

___

_____

___

1.OA.1.

28. _____

Create a word problem using the information and operation below.

Information A: 32 people   Operation: Addition (+)

Information B: 16 people

_____

___

_____

___

1.OA.1   Lisa has 35 posters in her room. Thad has 25 posters in his room. Lisa wants to use the
         following equation to find how many more posters she has than Thad.

         35 + 25 = _____
         Is this the correct equation? Explain why or why not.

29._____

_____

___

_____

___

PASS.

         Bill made a pattern with shapes. What shape should come next to continue the pattern?

         A.   B.   C.   D.

30. _____

PASS.

         What are the next two numbers in this number pattern?

         3, 8, 13, 18, _____, _____

         A. 19, 20   B. 20, 22   C. 21, 24   D. 23, 28

31. _____

PASS

         What is the rule for this number pattern?

         6, 11, 16, 21, 26, 31, _____

32 _____

A. Add 5   B. Add 10   C. Subtract 5   D. Subtract 10

PASS

33.

Complete an addition pattern for this rule.

Starting Point: 2

Rule: Add 5.

__2__ __7__ _____ _____ _____

PASS

34. ____

What are the next two numbers in this number pattern?

90, 80, 70, 60, _____, _____

A. 70, 80   B. 65, 70   C. 50, 40   D. 40, 30

PASS

35.

Complete a subtraction pattern for this rule.

Starting Point: 21

Rule: Subtract 5

__21__ __16__ _____ _____ _____

1.OA.4.

31. _____

Which equation completes this fact family?

A. $9 - 4 = 5$ B. $9 + 5 = 14$ C. $9 - 5 = 4$ D. $14 - 9 = 5$

1.0A.4.

32._____

Write a fact family using the numbers 6, 4, and 10.

_____   _____

_____   _____

1.OA.4

Which problem represents the inverse operation of 3 + 4 = 7?

33. _____

A. 4 + 3 = 12   B. 3 + 4 = 7   C. 7 – 4 = 3   D. 4 + 3 = 7

1.0A.4

Which problem represents the inverse operation of 6 – 2 = 4?

34. _____

A. 2 – 6 = 4   B. 6 – 2 = 4   C. 6 – 4 = 2   D. 4 + 2 = 6

1.MD.3

What time is shown on the analog clock below?

35. _____

A. 10:00   B. 11:00   C. 12:00   D. 1:00

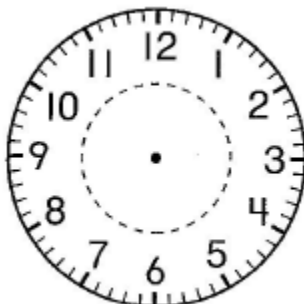1.MD.3

Mike says that it is 6:15. What mistake is he making?

36. _____

_____
_____
_____
___.

1.MD.3

On the analog clock below, draw the hour hand and minute hand to show 6:00.

37.

9

1.MD.3.

On the analog clock below, draw the hour hand and minute hand to show 8:30.
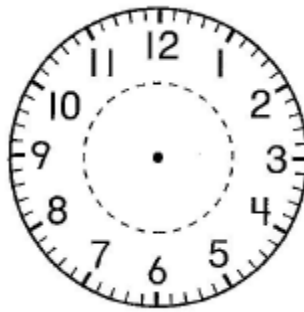
1.MD.1   Which shows the three objects in order from shortest to longest?

A.

B.

C.

D.

1.MD.1   Which is the longest? (Use the square to help you!)

A.

B.

How did you know?

_____

_.

1.MD.2   How many inch tiles is the marker? Draw your lines! Then, measure with a ruler. How many inches is it?

I

1.MD.2   Andy measured with tiles like this…

8 tiles.

Help Andy! What was his mistake?_____
_____
_____
_____
__.

1.MD.4   Ms. Garcia made a tally chart of her students' favorite ice cream flavors.

43. First, fill in the numbers.

	Tally Marks	Number
Chocolate	ЖII	
Vanilla	III	
Strawberry	II	
Mint	ЖI	

44. Now, build a pictograph.

7

6

5

4

3

2

1

          Chocolate   Vanilla   Strawberry   Mint

              1   = 1 student

1. MD.4

In the above graph, how many more students like chocolate than vanilla?

A. 11   B. 5   C. 3   D. 1

1.MD.4

In the above graph, how many students are in Ms. Garcia's class in all?

A. 18   B. 16   C. 20   D. 7

45.____

46. ____

11

1.G.1

When we sort shapes, which of the following is most important to sort by?

A. size | B. color | C. number of sides | D. direction

1.G.1   What can you do to this shape to make it a rectangle? Then explain.
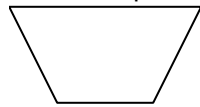
_____
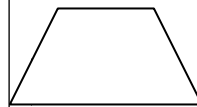_____
_____because rectangles have
_____
_____
_____
_.

1.G.2   Which shape below can be made using these two shapes?

A. | B. | C. | D.

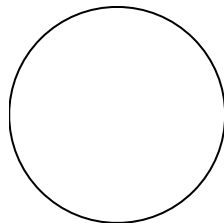1.G.2   Which of the following can be made using a cube and a rectangular pyramid?

A. | B. | C. | D.

1.G.3   Divide the shape into 4 equal parts.

Then, one part is _____ the circle.

A. half of | B. a quarter of | C. a third of | D. a fifth of
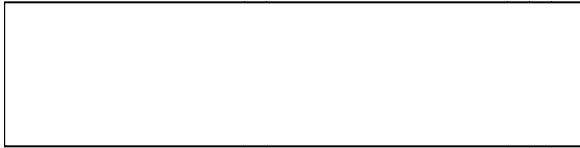
47._____

48.

49._____

50._____

51 a.

51 b. _____

1.G.3   Divide the shape into 2 equal parts.

52 a. _____

52 b. _____

One part is _____ the larger rectangle.
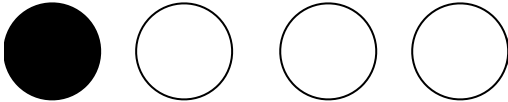
A. half of   B. a quarter of   C. a third of   D. a fourth of

1.G.3   What fraction of the circles are **not** shaded?

53._____

A. ¼   B. ½   C. ¾   D. 1/3

ADDITIONAL: *teachers working on this assessment wanted to do a supplemental hundreds chart, and timed fast facts portion.*