

Bell 4th

Name: _____ Date: _____

Standard: 4.OA.1

I Can Statements: I can interpret multiplication equations as comparisons. I can write a multiplication problem using given data.

Performance Task:

Mr. Franklin is rearranging his desks. He first arranges his desks into 6 groups. He places 4 desks in each group. Write an equation and draw a picture to represent this arrangement. Then, solve the equation to determine the total number of desks he is arranging.

Next, he tries 4 groups with 6 desks in each group. Write an equation and draw a picture for this arrangement.

Compare and contrast your equations, pictures, and answers to both arrangements.

Name: _____

3/10/2020

Problem #9

Directions: Solve the problem. Show all of your work. On the lines below explain the steps you took to find your answers.

A clothing factory is keeping track of how many sweatshirts it makes each month. Use the table below to answer the questions.

August	
September	37,659
October	42,137
November	39,285

Part A: In August, they made 1,000 less sweatshirts than they made in September. Explain how you can use mental math and place value to figure out how many sweatshirts were made in August.

Part B: How many more sweatshirts were made in October and November than in August and September?

Answer: _____

Name: _____ Date: _____

Standard: 4.OA.3

I Can Statements: I can interpret the remainder of a division problem correctly. I can solve word problems by using letters to represent unknown quantities. I can use mental math and estimation to determine whether my answer is reasonable.

Performance Task:

Sarah wants to create a photo album for her mother. Sarah has collected 38 photos that she wants to include. She is shopping for photo albums. Here are her options:

Photo Album #1: Contains 10 pages and each page holds 4 photos.

Photo Album #2: Contains 12 pages and each page holds 3 photos.

Photo Album #3: Contains 15 pages and each page holds 3 photos.

Sarah wants to choose an album that will allow her to use all of the pictures with fewest amount of pages leftover or no pages leftover.

Write equations to determine how many photos each photo album will hold.

Then, determine which choice Sarah should choose based on her requirements. Draw a picture to demonstrate the photo arrangement for her chosen album.

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Teacher: Mrs. Bell**LEAP PREP****Instructions:** Read each question carefully and choose the best answer choice.

- Write = , < or > in the space provided.
 $\frac{6}{12}$ _____ $\frac{1}{3}$
- Draw an angle that measures about 65 degrees. Is this angle acute or obtuse?
- Draw an angle which measures about 120 degrees. Is this angle acute or obtuse?
- Round the number 649,550 to the nearest ten thousand.
 - 640,000
 - 650,000
 - 649,000
 - 50,000
- Which is the best estimate of the capacity of a coffee cup?
 - 250 gallons
 - 250 cups
 - 250 liters
 - 250 milliliters
- 45,632 _____ 45,893
 - <
 - >
 - =
- 90 seconds equal _____.
 - 1 minute
 - 1 1/2 minutes
 - 2 minutes
 - 2 1/2 minutes
- What is the difference between an acute angle and an obtuse angle?
- Estimate the value of X
 $4,098 - 1,209 = X$
 - 3,000
 - 6,000
 - 1,000
 - 2,000
- $49 \times 34 =$
 - 1,686
 - 2,666
 - 1,666
 - 1,696
- List four types of angles.
- $987 + 6 + 54 + 1000 =$

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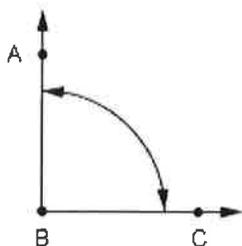
Answer: _____

13. $9003 - 683 =$

14. $242 \div 2$

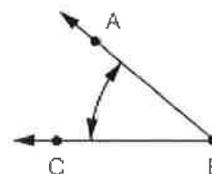
15. What is the measurement of this angle? What is a name for this angle?

16. 87×44



17. Hundreds of knights came to the tournament. Then four hundred twenty knights went home. Seven hundred fifty-six knights remained. How many knights came to the tournament?

18. What type of angle is this?



19. What are two lines that cross at a 90 degree angle called?

- a. a line
- b. an angle
- c. perpendicular lines
- d. parallel lines

20. Which number can be rounded to 4,000?

- a. 3,129
- b. 3,499
- c. 3,670
- d. 3,339

21. The value of the digit 7 in the number 28,735 is 10 times the value of the digit 7 in which number?

- a. 19,057
- b. 52,173
- c. 37,690
- d. 71,482

22. A digit in the ten-thousands place of a five-digit number represents ten times the value of the same digit in which place of the number?

- a. ones
- b. tens
- c. hundreds
- d. thousands

Answer: _____

Part B: How many more sweatshirts were made in October and November than in August and September?

Part A: In August, they made 1,000 less sweatshirts than they made in September. Explain how you can use mental math and place value to figure out how many sweatshirts were made in August.

November	39,285
October	42,137
September	37,659
August	

A clothing factory is keeping track of how many sweatshirts it makes each month. Use the table below to answer the questions.

Directions: Solve the problem. Show all of your work. On the lines below explain the steps you look to find your answers.

Problem #9

Name: _____

3/10/2020

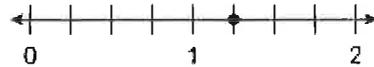
23. A biologist is studying bull shark populations. She records the weights, in pounds, of four sharks in the table.

Shark	Weight
A	215
B	258
C	249
D	207

The biologist wants to approximate the total weight of the four sharks. She rounds the weight of each shark to the nearest 100 then totals the weights. What is the approximate total weight, in pounds, of the sharks?

- a. 800
 b. 900
 c. 1,000
 d. 1,100
25. How many hundreds equal 30 tens?
 a. 3
 b. 30
 c. 300
 d. 3,000
27. Jack wants to list $\frac{6}{12}$ as a sum of unit fractions. Which of the following should he write?
 a. $\frac{1}{12} + \frac{1}{12} + \frac{1}{12} + \frac{1}{12} + \frac{1}{12} + \frac{1}{12}$
 b. $\frac{1}{12} + \frac{5}{12}$
 c. $\frac{1}{12} + \frac{2}{12} + \frac{3}{12}$
 d. $\frac{2}{12} + \frac{2}{12} + \frac{2}{12}$

24. The point on the number line shows the value of the sum of two fractions.



Which expression has the same sum?

- a. $\frac{4}{2} + \frac{1}{2}$
 b. $\frac{3}{4} + \frac{2}{4}$
 c. $\frac{2}{6} + \frac{3}{6}$
 d. $\frac{1}{8} + \frac{4}{8}$
26. Matthew's dad sells golf balls online. He sells $\frac{3}{5}$ of the golf balls. Which is equivalent to $\frac{3}{5}$?
 a. $\frac{1}{5} + \frac{1}{5} + \frac{1}{5}$
 b. $\frac{2}{5} + \frac{2}{5} + \frac{2}{5}$
 c. $\frac{1}{5} + \frac{1}{5} + \frac{2}{5}$
 d. $\frac{1}{5} + \frac{2}{5} + \frac{1}{5}$
28. The mixed number $2\frac{2}{5}$ can also be expressed as which of the following?
 a. $1 + \frac{1}{5} + \frac{1}{5}$
 b. $1 + \frac{2}{5} + \frac{2}{5}$
 c. $2 + \frac{1}{5} + \frac{1}{5}$
 d. $2 + \frac{2}{5} + \frac{2}{5}$

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Review for Test 01/01/2020

Compare the fractions given below by writing > or < on the lines. Give a brief explanation for each answer referring to benchmarks. 0, 1/2, 1, 1 1/2, or 2

a. $\frac{2}{5}$ _____ $\frac{6}{8}$

b. $\frac{6}{10}$ _____ $\frac{5}{6}$

c. $\frac{6}{4}$ _____ $\frac{7}{8}$

d. $\frac{1}{4}$ _____ $\frac{8}{12}$

e. $\frac{14}{12}$ _____ 1

f. $\frac{8}{9}$ _____ $\frac{3}{2}$

g. $\frac{7}{8}$ _____

h. $\frac{3}{4}$ _____ $\frac{4}{3}$

i. $\frac{3}{8}$ _____ $\frac{3}{2}$

j. $\frac{9}{6}$ _____ $\frac{16}{12}$

