

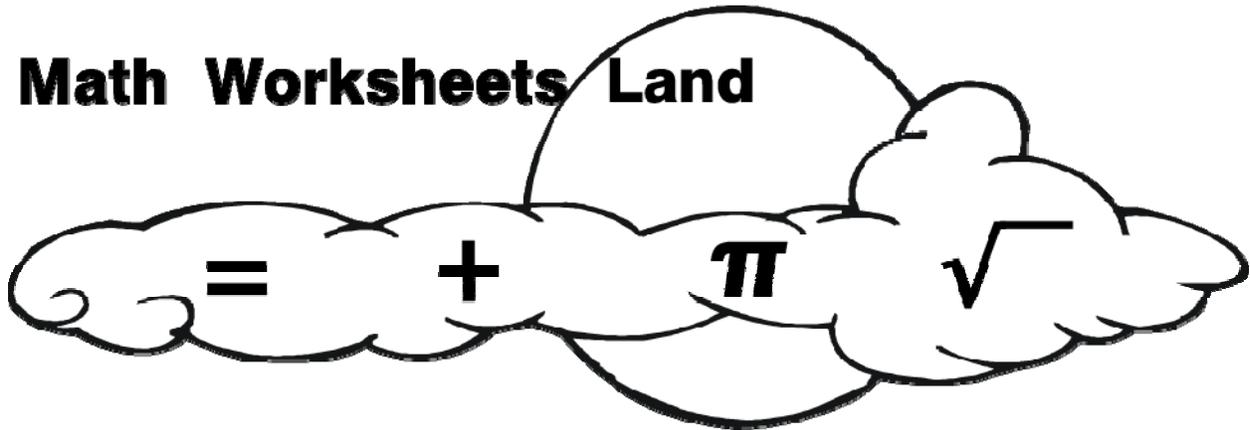
Name _____

Date _____

Grade 3 Level

Math Common Core Sampler Test

Math Worksheets Land



This test sampler covers most of the standards seen at the Common Core Third Grade Level. This portion of curriculum is heavily focused on algebra, fractions, and measurement. This is also the first time that students are being held accountable for shapes in the form of geometrical recognition. For a full breakdown of each Core Standard in test form please check:

Grade 3 Core Math Tests:

<http://www.mathworksheetsland.com/tests/grade3.html>

For Full Worksheets, Quizzes, and Homework Samples:

<http://www.mathworksheetsland.com/3/>



Name _____

Date _____

1. Which model represents the largest fraction?

a) ★★☆☆

b) ★★☆☆☆☆

c) ★★★☆

d) ★★☆☆

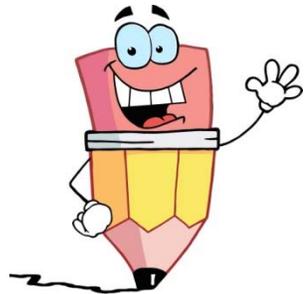
2. How many groups of 8 are there out of 48 pencils?

a) 4

b) 6

c) 8

d) 12



3. How can you find the next number in the sequence shown below?

4, 8, 12, 16, 20, 24...

a) Add by 4

b) Add by 8

c) Multiply by 2

d) Multiply by 4



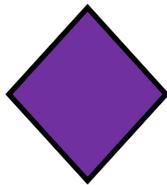
Name _____

Date _____

4. What is the value of 8 in 856?

- a) 8
- b) 80
- c) 800
- d) 8000

5. What is the name of the following shape?



- a) hexagon
- b) pentagon
- c) rectangle
- d) rhombus

6. 582 students attend Roberts Elementary School. 736 students attend Yannis Elementary School. What is the difference between the number of students that attend Roberts Elementary School and the students that attend Yannis Elementary School?

- a) 154
- b) 254
- c) 1258
- d) 1321

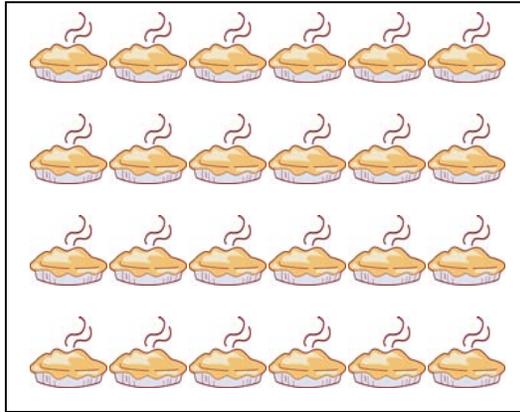


Name _____

Date _____

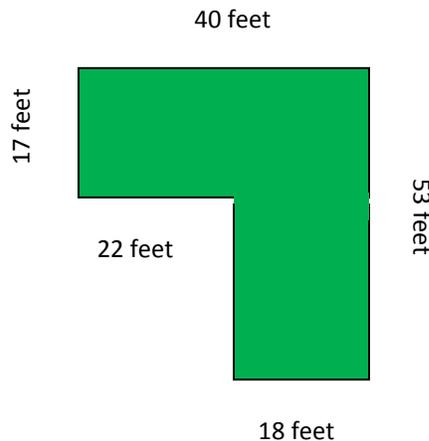
7. Ms. Carter organized the pies for a bake sale. What multiplication sentence represents the order of Ms. Carter's pies?

- a) 1×6
- b) 3×6
- c) 4×5
- d) 6×4



8. Peter's dad needs to buy a new fence for the yard. Based on the measurements of the yard, how many feet of fencing will Peter's dad need to buy?

- a) 132 feet
- b) 140 feet
- c) 186 feet
- d) 197 feet



9. What is the product of 70×8 ?

- a) 78
- b) 150
- c) 400
- d) 560



Name _____

Date _____

10. Order the fractions from greatest to least.

$$\frac{4}{7}, \frac{2}{7}, \frac{6}{7}, \frac{1}{7}$$

a) $\frac{1}{7}, \frac{2}{7}, \frac{4}{7}, \frac{6}{7}$

b) $\frac{6}{7}, \frac{4}{7}, \frac{2}{7}, \frac{1}{7}$

c) $\frac{4}{7}, \frac{2}{7}, \frac{6}{7}, \frac{1}{7}$

d) $\frac{6}{7}, \frac{4}{7}, \frac{1}{7}, \frac{2}{7}$

11. Andrew and his three friends each want a slice of pizza. How many slices does Andrew need to make to divide it into fourths?

- a) one
- b) two
- c) three
- d) four



12. Which expression is equal to 5×9 ?

- a) $9 + 9 + 9 + 9 + 9$
- b) $13 + 1$
- c) $5 \times 5 \times 5$
- d) $9 \times 9 \times 9$

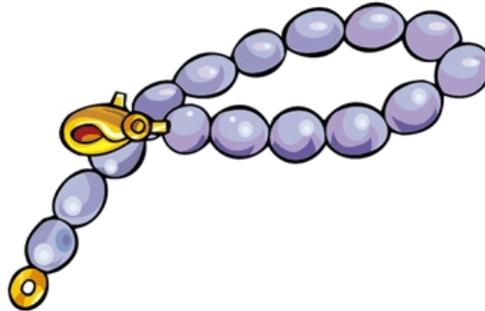


Name _____

Date _____

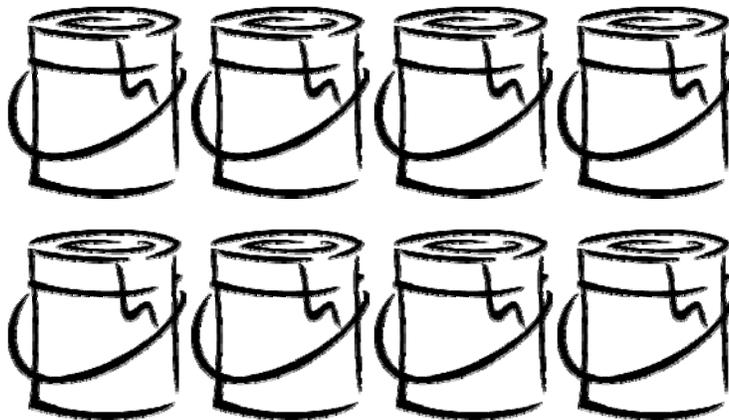
13. Lauren needs 8 beads to make one bracelet. If Lauren has 32 beads, how many bracelets can she make?

- a) 2
- b) 4
- c) 6
- d) 8



14. Mary and Patrick bought 8 cans of paint for their living room. They used 5 cans to paint the room. What is the fraction of cans they used to paint the room?

- a) $\frac{1}{8}$
- b) $\frac{3}{8}$
- c) $\frac{5}{8}$
- d) $\frac{7}{8}$

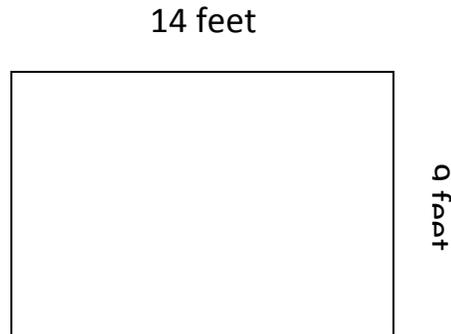


Name _____

Date _____

15. George wanted to find the area of his bedroom. The width of his bedroom is 9 feet. The length of the bedroom is 14 feet. What is the area of George's bedroom?

- a) 23 square feet
- b) 46 square feet
- c) 63 square feet
- d) 126 square feet



16. Circle the equation that represents the commutative property of multiplication.

$6 \times 5 = 5 \times 6$

$(3 \times 2) \times 4 = 3 \times (2 \times 4)$

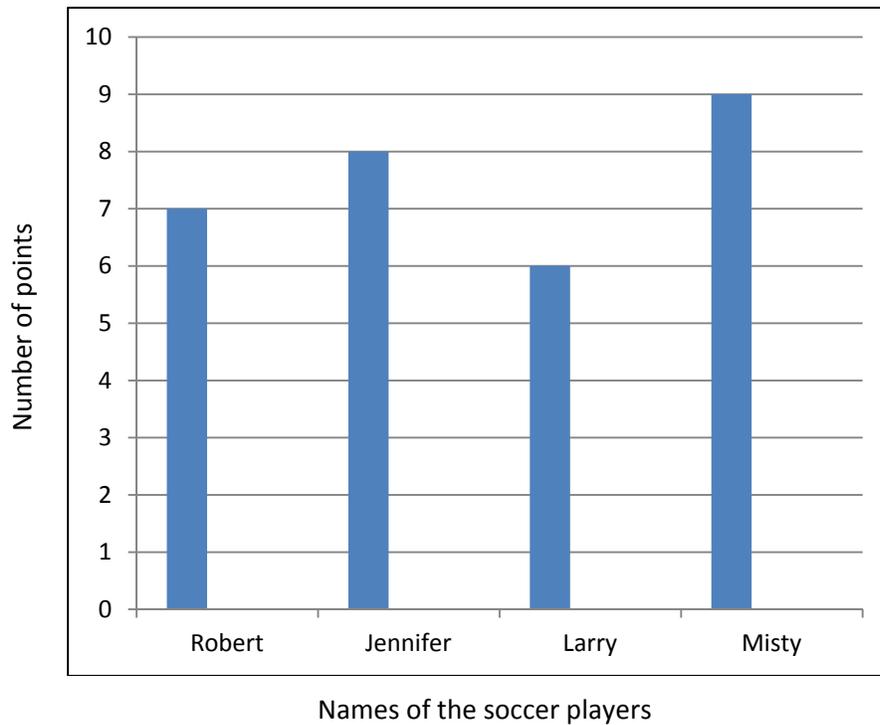


Name _____

Date _____

The chart below shows the number of goals four players scored during the soccer season. Refer to the chart for numbers 17 and 18.

Points scored during the soccer season



17. What is the total number points the players scored during the season? Write your answer in the box.

18. What is the difference between the most points scored by a player and the least points scored by a player? Write your answer in the box.



Name _____

Date _____

19. Fill in the missing number from the following equation:

$$63 \div \underline{\quad} = 7$$

20. Complete the table shown below by using the following rule: subtract five from the input.

Input	Output
43	
64	
75	



Name _____

Date _____

Bubble Sheet for Questions 1 - 16

1. (a) (b) (c) (d)

9. (a) (b) (c) (d)

2. (a) (b) (c) (d)

10. (a) (b) (c) (d)

3. (a) (b) (c) (d)

11. (a) (b) (c) (d)

4. (a) (b) (c) (d)

12. (a) (b) (c) (d)

5. (a) (b) (c) (d)

13. (a) (b) (c) (d)

6. (a) (b) (c) (d)

14. (a) (b) (c) (d)

7. (a) (b) (c) (d)

15. (a) (b) (c) (d)

8. (a) (b) (c) (d)

16. (a) (b) (c) (d)



Name _____

Date _____

Answer Guide

1. (c) The four fractions shown are $\frac{3}{5}$, $\frac{4}{8}$, $\frac{3}{4}$, and $\frac{4}{6}$. Of the four fractions, $\frac{3}{4}$ represents the greatest part (3) of the whole (4). Therefore, $\frac{3}{4}$ **is the largest fraction**.
2. (b) Grouping together pencils in eights shows that there are **6 groups** of 8 with no pencils left over.
3. (a) Reviewing the number shows that there is an increase of 4 between each number. Therefore, someone can **add by 4** to find the next number in the sequence.
4. (c) Since **8 is in the hundreds place**, the value of 8 in 856 is 800.
5. (d) The figure has four equal sides. The opposite sides are parallel and the opposite angles are equal. The name of the shape with those qualities is a rhombus.
6. (a) Subtract 582 from 736 to find out the difference between the numbers of students who attend the two schools. **$736 - 582 = 154$** .
7. (d) There are **six pies per row in four rows**. The multiplication sentence that represents the image is 6×4 .
8. (c) To find the perimeter, add the sides:
 $40 + 53 + 17 + 22 + 18 + 36$ (missing side) = 186 feet.
9. (d) To find the product, multiply $8 \times 0 = 0$ and then multiply $8 \times 7 = 56$.
The product is 560.
10.
 - (b) When the denominators are the same, order the fractions by the numerators. **The order from greatest to least is $\frac{6}{7}$, $\frac{4}{7}$, $\frac{2}{7}$, $\frac{1}{7}$.**
11.
 - (b) Drawing lines on the pizza shows that Andrew needs to make **two slices** in order to divide it into fourths.



Name _____

Date _____

12.

(a) $5 \times 9 = 45$. The **expression that is equal to 45** is $9 + 9 + 9 + 9 + 9$.

13.

(b) Divide 32 by 8 in order to find out how many bracelets Lauren can make: **$32 \div 8 = 4$ bracelets.**

14.

(c) Fractions represent parts of a whole. Since Mary and Patrick used **5 cans (parts) out of 8 cans (the whole)**, the fraction of cans they used is $\frac{5}{8}$.

15.

(d) To find the area of a rectangle, multiply the length times the width: **$9 \times 14 = 126$ square feet.**

16.

The commutative property of multiplication says that you can switch the order of the numbers and still get the same answer. Therefore **$6 \times 5 = 5 \times 6$** represents the commutative property of multiplication.

17.

To find the total number of points the players scored during the season, add them together: **$7 + 8 + 6 + 9 = 30$ points.**

18.

Subtract the lowest number from the highest number to find the difference between the scores: **$9 - 6 = 3$.**

19.

63 divided by 9 leads to a quotient of 7.

20.

Subtracting five from the inputs leads to the following outputs: **$43 - 5 = 38$; $64 - 5 = 59$; $75 - 5 = 70$.**

