

GRADE 4 MTH

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Day 4/5

Yonkers City School District

Student Name: \_\_\_\_\_

Teacher Name: \_\_\_\_\_

**1** What are the next three numbers in the pattern?

1, 2, 5, 8, 1, 2, 5, 8, 1, 2, 5

**A** 1, 2, 5

**B** 2, 5, 8

**C** 5, 8, 1

**D** 8, 1, 2

**2**  $3 \times 2 \times \underline{\hspace{1cm}} = 36$

**A** 4

**B** 5

**C** 6

**D** 8

**3** John has \$10. Hannah has 8 times as much money as John.  
How much money does Hannah have?

**A** \$2

**B** \$18

**C** \$80

**D** \$90

**4** Maya has 24 eggs. This is 3 times as many eggs as Tasha has.  
How many eggs does Tasha have?

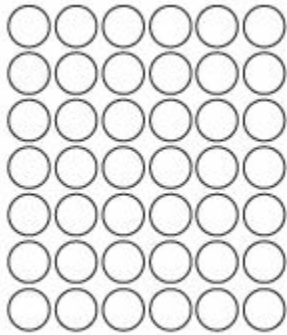
**A** 21 eggs

**B** 12 eggs

**C** 8 eggs

**D** 4 eggs

- 5 The figure below is a model for  $7 \times 6 = 42$ .



Write a number sentence that is in the same fact family.

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- 6 Principal Kennedy wants to put up 2 bulletin boards next to her office door. The first bulletin board will have a length of 4 feet and a width of 9 feet. Principal Kennedy wants the second bulletin board to have the same area but a different perimeter. Which measurements below could be the side lengths of the second bulletin board?
- A** 8 feet by 5 feet
- B** 6 feet by 6 feet
- C** 13 feet by 2 feet
- D** 30 feet by 6 feet
- 7 There are 58 cases of soda in a warehouse. If there are 24 cans of soda in each case, how many cans of soda are in the warehouse?
- A** 82
- B** 348
- C** 1,032
- D** 1,392

8

Kristen ran on a path that was  $\frac{3}{4}$  of a mile long. She ran the path 5 times. What is the total distance Kristen ran?

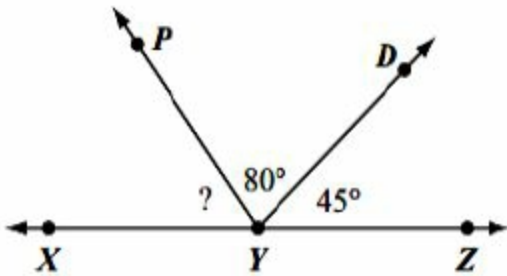
A  $5\frac{3}{4}$

B  $\frac{3}{20}$

C  $\frac{15}{20}$

D  $3\frac{3}{4}$

9 Angle **XYZ** is divided into three smaller angles, as shown below.



[not drawn to scale]

What is the measure of angle **XYD**?

A  $55^\circ$

B  $65^\circ$

C  $135^\circ$

D  $180^\circ$

**10** What is the sum of 3,428 and 8,254?

- A** 11,682
- B** 11,572
- C** 5,234
- D** 4,826

**11** Some people are making hats for newborn babies.

- The people have 12 bags of yarn.
- Each bag has 9 balls of yarn.
- For each ball of yarn, the people can make 4 hats.

What is the total number of hats the people can make?

- A** 25
- B** 27
- C** 108
- D** 432

**12** Solve.

$$\begin{array}{r} 40,096 \\ + 46,535 \\ \hline \end{array}$$

- A** 6,439
- B** 6,521
- C** 86,631
- D** 96,561

- 13** Choose the number that goes in the blank.

$$10,000 + 2,000 + \underline{\hspace{2cm}} + 30 + 9 = 12,739$$

- A** 7
- B** 70
- C** 700

- 14** The population of a certain city is 836,527. What is the population of this city rounded to the nearest ten thousand?

- A** 800,000
- B** 830,000
- C** 836,000
- D** 840,000

- 15** What number goes in the  to make the number sentence below true?

$$3,652 - \boxed{\hspace{1cm}} = 2,145$$

- A** 1,497
- B** 1,507
- C** 3,407
- D** 5,797

- 16** In his basketball career, Michael Jordan scored 32,292 points. Kobe Bryant scored 33,642. Which expression below shows the correct comparison of the points scored?

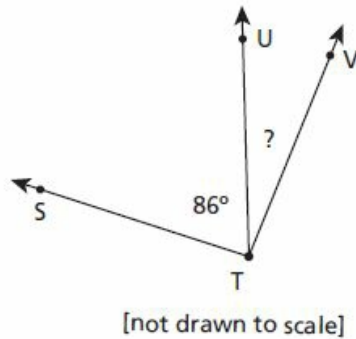
- A**  $33,642 < 32,292$
- B**  $32,292 < 33,642$
- C**  $32,292 > 33,642$
- D**  $33,642 = 32,292$

- 17** Which number is a multiple of 7?
- A** 27
  - B** 48
  - C** 56
  - D** 74
- 18** Krista has 32 crayons. Devon has 4 times as many crayons as Krista. How many crayons does Devon have?
- A** 4
  - B** 28
  - C** 36
  - D** 128
- 19** Shelly bought 7 boxes of fish food and 2 packets of cat food. Each box of fish food contained 6 pouches, and each packet of cat food contained 4 pouches. How many more pouches of fish food than cat food did Shelly buy?
- A** 50
  - B** 40
  - C** 36
  - D** 34
- 20** The math team went to the aquarium to do research. Each team member paid \$12 for the trip. There were 25 team members on the trip. What was the total amount the team members paid?
- A** \$290
  - B** \$291
  - C** \$300
  - D** \$390

- 21** Tony has 36 baseball card collection albums with 56 baseball cards in each album. How many total baseball cards does Tony have?
- A** 3,366
  - B** 2,016
  - C** 1,016
  - D** 396
- 22** If 28 is 4 times as many as 7, which other statement is true?
- A** 7 is 4 more than 28
  - B** 28 is 7 more than 4
  - C** 7 is 4 times as many as 28
  - D** 28 is 7 times as many as 4
- 23** What is 735,286 rounded to the nearest ten thousand?
- A** 700,000
  - B** 730,000
  - C** 735,000
  - D** 740,000
- 24** A school has 17 tables in the cafeteria. Each table seats 12 students. What is the greatest number of students that can be seated at these tables?
- A** 114
  - B** 184
  - C** 194
  - D** 204

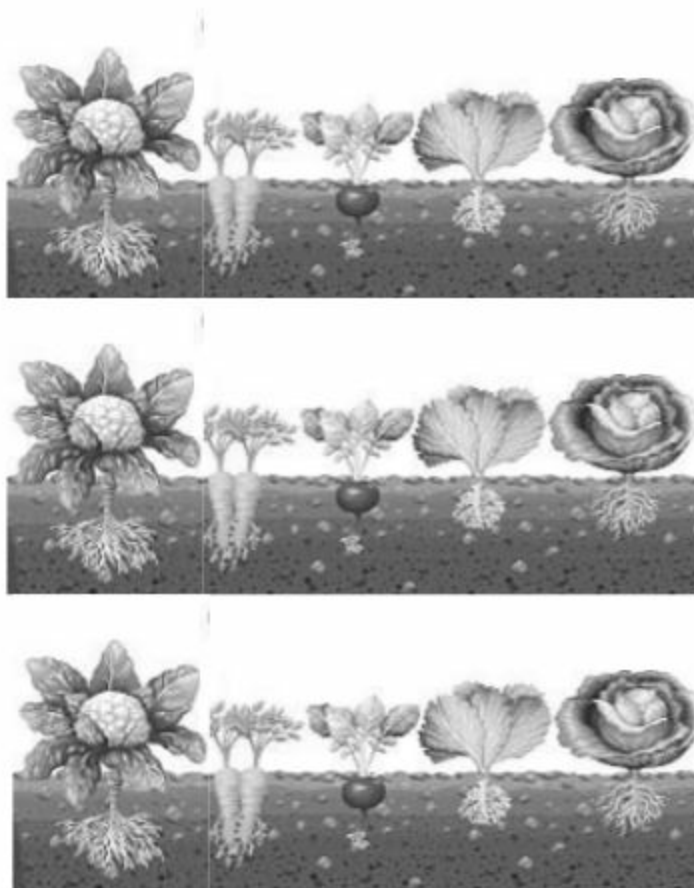


- 25** The measure of angle STV is  $117^\circ$ . What is the measure of angle UTV?



- A**  $31^\circ$
- B**  $63^\circ$
- C**  $157^\circ$
- D**  $203^\circ$
- 26** Which statement is represented by the equation below?
- $$15 \times 5 = 75$$
- A** The number 15 is 5 less than 75.
- B** The number 15 is 5 times as many as 75.
- C** The number 75 is 15 more than 5.
- D** The number 75 is 5 times as many as 15.
- 27** The fourth grade class collected 23 boxes of canned goods for the food pantry. Each box contains 10 cans. What is the total number of cans they collected?
- A** 33
- B** 230
- C** 2,300
- D** 2,310

28 Mr. Roger's garden is shown below.



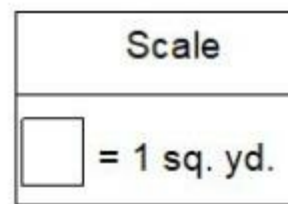
Which expression can be used to find the number of vegetable plants in Mr. Roger's garden?

- A  $3 + 5$
- B  $3 \times 5$
- C  $3 + 3 + 3$
- D  $5 \times 5 \times 5$

**29** Mrs. Jones bought 4 boxes of Christmas ornaments. Each box contains 12 ornaments. Which number could represent the total number of ornaments Mrs. Jones bought?

- A** 48
- B** 50
- C** 62
- D** 74

**30** Sean's family is planning to build a concrete basketball court in their backyard.



How many square yards will be left in the backyard for grass?

- A** 30 sq. yd.
- B** 35 sq. yd.
- C** 37 sq. yd.
- D** 72 sq. yd.

**31** Sally has 46 inches of chain to make bracelets. Each bracelet used 6 inches of chain. If she makes 7 bracelets, how much chain will she have left over?

- A** 2 inches
- B** 3 inches
- C** 4 inches
- D** 5 inches

**32** What fraction is equal to 0.02?

- A**  $\frac{2}{1}$
- B**  $\frac{2}{10}$
- C**  $\frac{2}{100}$
- D**  $\frac{2}{2}$

**33** Divide:

$$278 \div 7 = ?$$

- A** 31 R1
- B** 39 R5
- C** 42 R4
- D** 55 R3

**34** Divide:

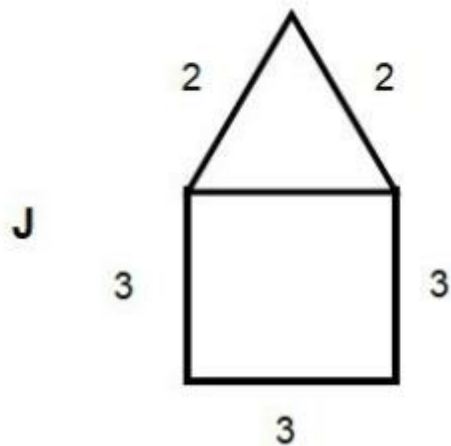
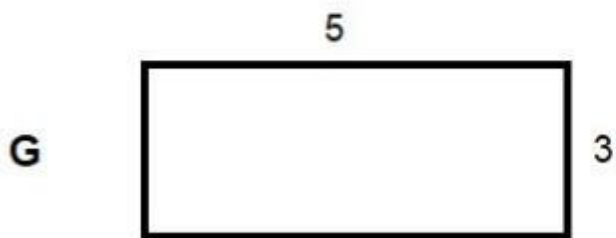
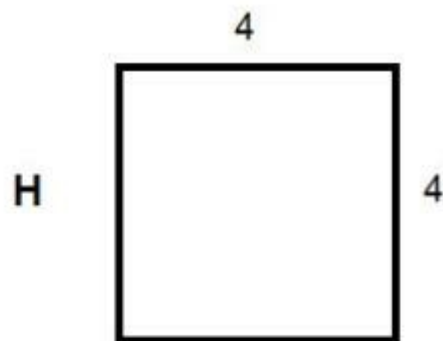
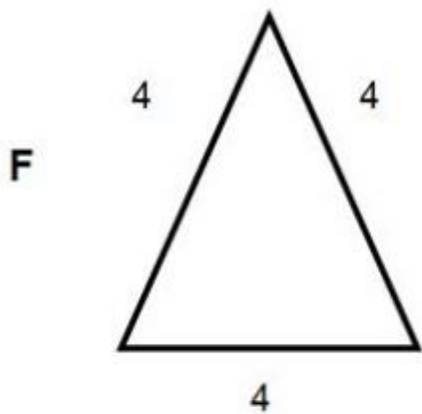
$$243 \div 4$$

- A** 247
- B** 60 R3
- C** 60 R4
- D** 63

**35** What is  $\frac{9}{10}$  as a decimal?

- A** .90
- B** .09
- C** 9
- D** 9.0

**36** Look at the shapes below.



Which two shapes have a perimeter equal to 16 units?

- A** F and J
- B** G and H
- C** G and J
- D** H and F

**37** Solve:

$$\begin{array}{r} 85 \\ \times 42 \\ \hline \end{array}$$

- A** 127
- B** 510
- C** 3,360
- D** 3,570

**38** Solve:

$$\begin{array}{r} 34 \\ \times 18 \\ \hline \end{array}$$

- A** 16
- B** 52
- C** 306
- D** 612

**39** Find the product.

$$\begin{array}{r} 46 \\ \times 17 \\ \hline \end{array}$$

- A** 63
- B** 372
- C** 782
- D** 4,922

**40** Solve:

$$4,127 \times 3$$

- A** 12,372
- B** 12,381
- C** 13,281
- D** 13,372

**41** Multiply:

$$6 \times 700 = ?$$

- A** 42
- B** 420
- C** 4,200
- D** 42,000

**42** James wrote the following expression.

$$7 \times (3 \times 5)$$

Which expression below is equivalent to James' expression?

- A**  $7 + (3 + 5)$
- B**  $(7 \times 3) \times 5$
- C**  $(7 \times 3) + 5$
- D**  $7 + (3 \times 5)$