

Name: _____ Date: _____

Draw equal groups. Skip count to find how many.

1. 2 groups of 2 4

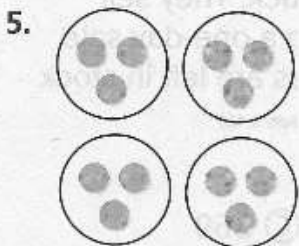


2. 3 groups of 6 _____

3. 5 groups of 3 _____

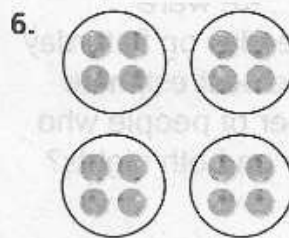
4. 4 groups of 5 _____

Count equal groups to find how many.



_____ groups of _____

_____ in all



_____ groups of _____

_____ in all

Problem Solving REAL WORLD

7. Marcia puts 2 slices of cheese on each sandwich. She makes 4 cheese sandwiches. How many slices of cheese does Marcia use in all?

8. Tomas works in a cafeteria kitchen. He puts 3 cherry tomatoes on each of 5 salads. How many tomatoes does he use?

OUR LADY OF CHARITY SCHOOL

Math

2019-2020

Name: _____ Date: _____

1. Jen makes 3 bracelets. Each bracelet has 3 beads. How many beads does Jen use?



- (A) 12 (C) 6
(B) 9 (D) 3

2. Ian has 5 cards to mail. Each card needs 2 stamps. How many stamps does Ian need?



- (A) 2 (C) 10
(B) 5 (D) 15

3. There were 384 people at a play on Friday night. There were 512 people at the play on Saturday night. Which is the best estimate of the total number of people who attended the play on both nights?

(Lesson 1.3)

- (A) 900 (C) 700
(B) 800 (D) 500

4. Walking the Dog Pet Store has 438 leashes in stock. They sell 79 leashes during a one-day sale. How many leashes are left in stock after the sale? (Lesson 1.10)

- (A) 459 (C) 369
(B) 441 (D) 359

5. The Lakeside Tour bus traveled 490 miles on Saturday and 225 miles on Sunday. About how many more miles did it travel on Saturday? (Lesson 1.8)

- (A) 500 miles (C) 300 miles
(B) 400 miles (D) 100 miles

6. During one week at Jackson School, 210 students buy milk and 196 students buy juice. How many drinks are sold that week? (Lesson 1.7)

- (A) 496 (C) 396
(B) 406 (D) 306

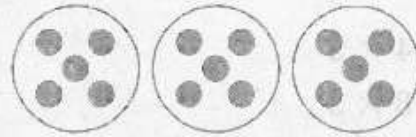
Name: _____ Date: _____

Draw a quick picture to show the equal groups. Then write related addition and multiplication sentences.

1. 3 groups of 5

$$\underline{5} + \underline{5} + \underline{5} = \underline{15}$$

$$\underline{3} \times \underline{5} = \underline{15}$$



2. 3 groups of 4

$$\underline{\quad} + \underline{\quad} + \underline{\quad} = \underline{\quad}$$

$$\underline{\quad} \times \underline{\quad} = \underline{\quad}$$

3. 4 groups of 3

$$\underline{\quad} + \underline{\quad} + \underline{\quad} + \underline{\quad} = \underline{\quad}$$

$$\underline{\quad} \times \underline{\quad} = \underline{\quad}$$

4. 5 groups of 2

$$\underline{\quad} + \underline{\quad} + \underline{\quad} + \underline{\quad} + \underline{\quad} = \underline{\quad}$$

$$\underline{\quad} \times \underline{\quad} = \underline{\quad}$$

Complete. Write a multiplication sentence.

5. $7 + 7 + 7 = \underline{\quad}$
 $\underline{\quad} \times \underline{\quad} = \underline{\quad}$

6. $3 + 3 + 3 = \underline{\quad}$
 $\underline{\quad} \times \underline{\quad} = \underline{\quad}$

Problem Solving



7. There are 6 jars of pickles in a box. Ed has 3 boxes of pickles. How many jars of pickles does he have in all? Write a multiplication sentence to find the answer.

$$\underline{\quad} \times \underline{\quad} = \underline{\quad} \text{ jars}$$

8. Each day, Jani rides her bike 5 miles. How many miles does Jani ride in all in 4 days? Write a multiplication sentence to find the answer.

$$\underline{\quad} \times \underline{\quad} = \underline{\quad} \text{ miles}$$

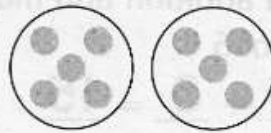
Name: _____ Date: _____

1. Which is another way to show

$$3 + 3 + 3 + 3 + 3 + 3?$$

- (A) 5×3
- (B) 4×3
- (C) 8×3
- (D) 6×3

2. Use the model. How many counters are there in all?



- (A) 8
- (B) 10
- (C) 12
- (D) 14

3. A school gave 884 pencils to students on the first day of school. What is 884 rounded to the nearest hundred?

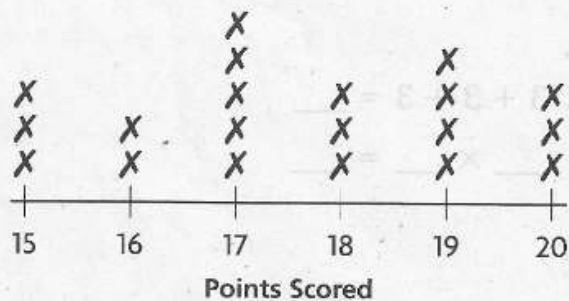
- (A) 800
- (B) 880
- (C) 890
- (D) 900

4. Find the difference.

$$\begin{array}{r} 632 \\ - 274 \\ \hline \end{array}$$

- (A) 906
- (B) 442
- (C) 358
- (D) 354

5. The line plot below shows how many points Trevor scored in 20 games.



In how many games did Trevor score at least 18 points?

- (A) 3
- (B) 5
- (C) 6
- (D) 10

6. Darrien read 97 pages last week. Evan read 84 pages last week. How many pages in all did the boys read?

- (A) 13
- (B) 171
- (C) 181
- (D) 271

Name: _____ Date: _____

**Problem Solving •
Model Multiplication**

Draw a diagram to solve each problem.

1. Robert put some toy blocks into 3 rows. There are 5 blocks in each row. How many blocks are there in all? (A)

15 blocks

2. Mr. Fernandez is putting tiles on his kitchen floor. There are 2 rows with 9 tiles in each row. How many tiles are there in all?

3. In Jillian's garden, there are 3 rows of carrots, 2 rows of string beans, and 1 row of peas. There are 8 plants in each row. How many plants are there in all?

4. In Sorhab's classroom, there are 3 rows with 7 desks in each row. How many desks are there in all?

5. Maya visits the movie rental store. On one wall, there are 6 DVDs on each of 5 shelves. On another wall, there are 4 DVDs on each of 4 shelves. How many DVDs are there in all?

6. The media center at Josh's school has a computer area. The first 4 rows have 6 computers each. The fifth row has 4 computers. How many computers are there in all?

Name: _____ Date: _____

1. There are 5 shelves of video games in a video store. There are 6 video games on each shelf. How many video games are there in all?

- (A) 35
- (B) 30
- (C) 20
- (D) 11

2. Ken watches a marching band. He sees 2 rows of flute players. Six people are in each row. He sees 8 trombone players. How many flute or trombone players does Ken see?

- (A) 2
- (B) 6
- (C) 16
- (D) 20

3. What is the sum of 438 and 382?

- (A) 720
- (B) 810
- (C) 820
- (D) 910

4. Estimate the sum.

$$\begin{array}{r} 622 \\ + 84 \\ \hline \end{array}$$

- (A) 500
- (B) 600
- (C) 700
- (D) 800

5. Francine uses 167 silver balloons and 182 gold balloons for her store party. How many silver and gold balloons in all does Francine use?

- (A) 15
- (B) 345
- (C) 349
- (D) 359

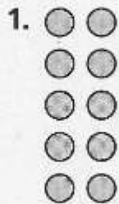
6. Yoshi is making a picture graph. Each picture of a soccer ball stands for two goals he scored for his team. The row for January has 9 soccer balls. How many goals did Yoshi score during January?

- (A) 18
- (B) 16
- (C) 11
- (D) 9

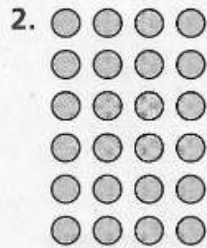
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Commutative Property of Multiplication

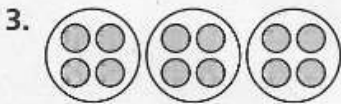
Write a multiplication sentence for the model. Then use the Commutative Property of Multiplication to write a related multiplication sentence.



$$\begin{array}{r} 5 \\ \times 2 \\ \hline 10 \end{array} \quad \begin{array}{r} 2 \\ \times 5 \\ \hline 10 \end{array}$$



$$\begin{array}{r} 4 \\ \times 5 \\ \hline 20 \end{array} \quad \begin{array}{r} 5 \\ \times 4 \\ \hline 20 \end{array}$$



$$\begin{array}{r} ___ \\ \times ___ \\ \hline ___ \end{array} \quad \begin{array}{r} ___ \\ \times ___ \\ \hline ___ \end{array}$$



$$\begin{array}{r} ___ \\ \times ___ \\ \hline ___ \end{array} \quad \begin{array}{r} ___ \\ \times ___ \\ \hline ___ \end{array}$$

Problem Solving **REAL WORLD**

5. A garden store sells trays of plants. Each tray holds 2 rows of 8 plants. How many plants are in one tray?

6. Jeff collects toy cars. They are displayed in a case that has 4 rows. There are 6 cars in each row. How many cars does Jeff have?

Name: _____ Date: _____

1. Which is an example of the Commutative Property of Multiplication?
- (A) $8 \times 4 = 8 \times 4$
 - (B) $4 \times 2 = 2 \times 4$
 - (C) $2 \times 8 = 4 \times 4$
 - (D) $2 + 4 = 2 \times 4$
2. What factor makes the number sentence true?
- $$7 \times 4 = \square \times 7$$
- (A) 2
 - (B) 4
 - (C) 7
 - (D) 28
3. Ms. Williams drove 149 miles on Thursday and 159 miles on Friday. About how many miles did she drive altogether the two days?
- (A) about 150 miles
 - (B) about 200 miles
 - (C) about 300 miles
 - (D) about 400 miles
4. Inez has 699 pennies and 198 nickels. Estimate how many more pennies than nickels she has.
- (A) about 500
 - (B) about 600
 - (C) about 700
 - (D) about 900
5. This year, the parade had 127 floats. That is 34 fewer floats than last year. How many floats were in the parade last year?
- (A) 161
 - (B) 151
 - (C) 103
 - (D) 93
6. Jeremy made a tally table to record how his friends voted for their favorite pet. His table shows IIII IIII II next to Dog. How many friends voted for dog?
- (A) 6
 - (B) 8
 - (C) 10
 - (D) 12

Name: _____ Date: _____

Find the product.

1. $6 \times 4 = 24$ 2. $3 \times 7 = \underline{\quad}$ 3. $\underline{\quad} = 2 \times 6$ 4. $\underline{\quad} = 3 \times 5$

Think: You can use doubles.

$3 \times 4 = 12$

$12 + 12 = 24$

5. $1 \times 3 = \underline{\quad}$ 6. $\underline{\quad} = 6 \times 8$ 7. $3 \times 9 = \underline{\quad}$ 8. $\underline{\quad} = 6 \times 6$

9.
$$\begin{array}{r} 4 \\ \times 3 \\ \hline \end{array}$$

10.
$$\begin{array}{r} 6 \\ \times 5 \\ \hline \end{array}$$

11.
$$\begin{array}{r} 2 \\ \times 3 \\ \hline \end{array}$$

12.
$$\begin{array}{r} 6 \\ \times 3 \\ \hline \end{array}$$

13.
$$\begin{array}{r} 10 \\ \times 6 \\ \hline \end{array}$$

14.
$$\begin{array}{r} 3 \\ \times 6 \\ \hline \end{array}$$

15.
$$\begin{array}{r} 7 \\ \times 6 \\ \hline \end{array}$$

16.
$$\begin{array}{r} 3 \\ \times 0 \\ \hline \end{array}$$

17.
$$\begin{array}{r} 9 \\ \times 6 \\ \hline \end{array}$$

18.
$$\begin{array}{r} 3 \\ \times 3 \\ \hline \end{array}$$

19.
$$\begin{array}{r} 10 \\ \times 3 \\ \hline \end{array}$$

20.
$$\begin{array}{r} 1 \\ \times 6 \\ \hline \end{array}$$

Problem Solving 

21. James got 3 hits in each of his baseball games. He has played 4 baseball games. How many hits has he had in all?

22. Mrs. Burns is buying muffins. There are 6 muffins in each box. If she buys 5 boxes, how many muffins will she buy?

Name: _____ Date: _____

1. Paco buys a carton of eggs. The carton has 2 rows of eggs. There are 6 eggs in each row. How many eggs are in the carton?

- (A) 8 (C) 14
(B) 12 (D) 24

2. Find the product.

$$\begin{array}{r} 9 \\ \times 3 \\ \hline \end{array}$$

- (A) 18 (C) 27
(B) 24 (D) 36

3. Find the difference.

$$\begin{array}{r} 568 \\ - 283 \\ \hline \end{array}$$

- (A) 285 (C) 385
(B) 325 (D) 851

4. Dwight made double the number of baskets in the second half of the basketball game than in the first half. He made 5 baskets in the first half. How many baskets did he make in the second half?

- (A) 7 (C) 10
(B) 9 (D) 20

5. In Jane's picture graph, the symbol ☺ represents two students. One row in the picture graph has 8 symbols. How many students does that represent?

- (A) 40
(B) 32
(C) 24
(D) 16

6. What multiplication sentence does this array show?



- (A) $5 \times 6 = 30$
(B) $6 \times 6 = 36$
(C) $5 \times 5 = 25$
(D) $1 \times 6 = 6$