

Name _____

Relate Addition and Multiplication

COMMON CORE STANDARD CC.3.OA.1

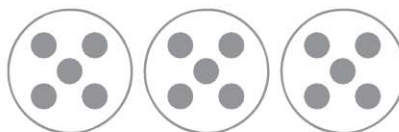
Represent and solve problems involving multiplication and division.

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  **REAL WORLD**

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.

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

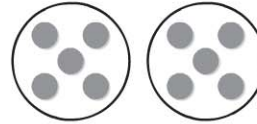
Lesson Check (CC.3.OA.1)

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

Spiral Review (CC.3.NBT.1, CC.3.NBT.2, CC.3.MD.4)

3. A school gave 884 pencils to students on the first day of school. What is 884 rounded to the nearest hundred? (Lesson 1.2)

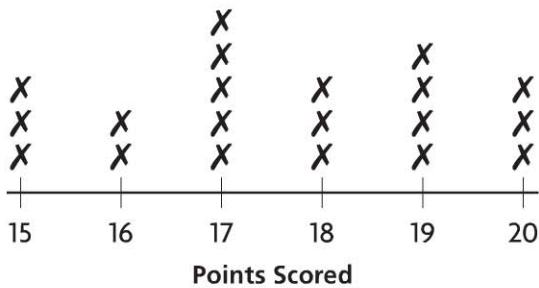
- (A) 800
- (B) 880
- (C) 890
- (D) 900

4. Find the difference. (Lesson 1.10)

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

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

5. The line plot below shows how many points Trevor scored in 20 games. (Lesson 2.7)



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? (Lesson 1.7)

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