

ALGEBRA

Lesson 3.6

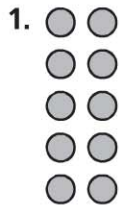
Name _____

Commutative Property of Multiplication

COMMON CORE STANDARD CC.3.OA.5

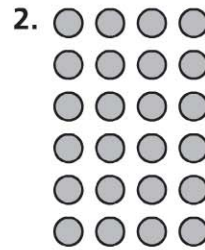
Understand properties of multiplication and the relationship between multiplication and division.

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



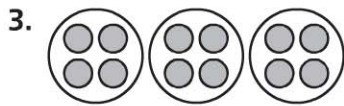
$$\begin{array}{r} 5 \\ \times 2 \\ \hline \end{array} = \begin{array}{r} 10 \\ \hline \end{array}$$

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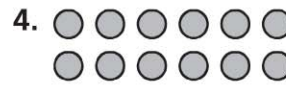
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Problem Solving



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?

Lesson Check (CC.3.OA.5)

- Which is an example of the Commutative Property of Multiplication?
 - $8 \times 4 = 8 \times 4$
 - $4 \times 2 = 2 \times 4$
 - $2 \times 8 = 4 \times 4$
 - $2 + 4 = 2 \times 4$
- What factor makes the number sentence true?

$$7 \times 4 = \blacksquare \times 7$$
 - 2
 - 4
 - 7
 - 28

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

- Ms. Williams drove 149 miles on Thursday and 159 miles on Friday. About how many miles did she drive altogether the two days? (Lesson 1.3)
 - about 150 miles
 - about 200 miles
 - about 300 miles
 - about 400 miles
- Inez has 699 pennies and 198 nickels. Estimate how many more pennies than nickels she has. (Lesson 1.8)
 - about 500
 - about 600
 - about 700
 - about 900
- This year, the parade had 127 floats. That is 34 fewer floats than last year. How many floats were in the parade last year? (Lesson 1.7)
 - 161
 - 151
 - 103
 - 93
- Jeremy made a tally table to record how his friends voted for their favorite pet. His table shows $\text{III} \text{ III} \text{ II}$ next to Dog. How many friends voted for dog? (Lesson 2.1)
 - 6
 - 8
 - 10
 - 12