Name _____ Date _____

Commutative Property

The **commutative property** of multiplication means that when you multiply two numbers, it doesn't matter which one comes first; the product is the same.

For example: $2 \times 6 = 6 \times 2$ $2 \times 6 = 12$ and $6 \times 2 = 12$

Complete each number sentence.

1. $3 \times 2 = 2 \times$ _____ $4 \times 5 =$ _____ $\times 4$ $2 \times 7 = 7 \times$ _____
2. $8 \times 1 = 1 \times$ _____ $0 \times 3 =$ _____ $\times 0$ $3 \times 4 = 4 \times$ _____

Fill in the blanks to complete each number sentence. The first one has been done for you.

3. 5 $\times 2 = 2 \times 5$
   $5 \times 2 =$ 10
   $2 \times$ 5 $=$ 10
4. _____ $\times 3 = 3 \times 8$
   $8 \times 3 =$ _____
   $3 \times$ _____ $=$ _____
5. $1 \times$ _____ $= 9 \times 1$
   $1 \times 9 =$ _____
   $9 \times$ _____ $=$ _____
6. $9 \times 2 = 2 \times$ _____
   ____ $\times$ ____ $=$ ____
   ____ $\times$ ____ $=$ ____
7. $4 \times 6 =$ _____ $\times 4$
   ____ $\times$ ____ $=$ ____
   ____ $\times$ ____ $=$ ____
8. _____ $\times 3 = 3 \times 7$
   ____ $\times$ ____ $=$ ____
   ____ $\times$ ____ $=$ ____

9. Olivia has 3 shelves in her room. On each shelf there are 8 stuffed animals. How many stuffed animals does Olivia have altogether? Write the problem, and find the answer.

   _____

10. What if Olivia had 8 shelves in her room and 3 stuffed animals on each shelf. Would the answer be the same? Why or why not?

    _____

    _____

    _____