

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  $3 \times 2 = 2 \times \underline{\quad}$        $4 \times 5 = \underline{\quad} \times 4$        $2 \times 7 = 7 \times \underline{\quad}$

②  $8 \times 1 = 1 \times \underline{\quad}$        $0 \times 3 = \underline{\quad} \times 0$        $3 \times 4 = 4 \times \underline{\quad}$

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

③  $\underline{5} \times 2 = 2 \times 5$       ④  $\underline{\quad} \times 3 = 3 \times 8$       ⑤  $1 \times \underline{\quad} = 9 \times 1$

$5 \times 2 = \underline{10}$        $8 \times 3 = \underline{\quad}$        $1 \times 9 = \underline{\quad}$

$2 \times \underline{5} = \underline{10}$        $3 \times \underline{\quad} = \underline{\quad}$        $9 \times \underline{\quad} = \underline{\quad}$

⑥  $9 \times 2 = 2 \times \underline{\quad}$       ⑦  $4 \times 6 = \underline{\quad} \times 4$       ⑧  $\underline{\quad} \times 3 = 3 \times 7$

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

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- 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.

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- 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?

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