

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.
- _____

- 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?
