

Name: _____

Multiplication: Changing Places

In multiplication number sentences, you can change the order of the numbers and the answer will be the same.

Example:
 $3 \times 4 = 12$
 $4 \times 3 = 12$
 $3 \times 4 = 4 \times 3$

Write the following number sentences in a different way and write the answer.

$9 \times 2 = \underline{\quad} \times \underline{\quad} = \underline{\quad}$

$3 \times 7 = \underline{\quad} \times \underline{\quad} = \underline{\quad}$

$8 \times 5 = \underline{\quad} \times \underline{\quad} = \underline{\quad}$

$2 \times 5 = \underline{\quad} \times \underline{\quad} = \underline{\quad}$

$6 \times 4 = \underline{\quad} \times \underline{\quad} = \underline{\quad}$

$4 \times 8 = \underline{\quad} \times \underline{\quad} = \underline{\quad}$

Write two multiplication number sentences for each of the follow word problems.

1. If John walks 3 miles every day, how many miles will he walk in 9 days?

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

2. Elizabeth reads 2 books every month. How many books does she read in 7 months?

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

3. The club members use 8 drinking cups at every meeting. The club met 5 times in September. How many drinking cups did the club use in September?

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

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In multiplication number sentences, you can change the order of the numbers and the answer will be the same.

Example:
 $3 \times 4 = 12$
 $4 \times 3 = 12$
 $3 \times 4 = 4 \times 3$

Write the following number sentences in a different way and write the answer.

$$9 \times 2 = \underline{2} \times \underline{9} = \underline{18}$$

$$3 \times 7 = \underline{7} \times \underline{3} = \underline{21}$$

$$8 \times 5 = \underline{5} \times \underline{8} = \underline{40}$$

$$2 \times 5 = \underline{5} \times \underline{2} = \underline{10}$$

$$6 \times 4 = \underline{4} \times \underline{6} = \underline{24}$$

$$4 \times 8 = \underline{8} \times \underline{4} = \underline{32}$$

Write two multiplication number sentences for each of the follow word problems.

1. If John walks 3 miles every day, how many miles will he walk in 9 days?

$$\underline{3} \times \underline{9} = \underline{9} \times \underline{3} \text{ or } \underline{9 \times 3} = \underline{3 \times 9}$$

2. Elizabeth reads 2 books every month. How many books does she read in 7 months?

$$\underline{2} \times \underline{7} = \underline{7} \times \underline{2} \text{ or } \underline{7 \times 2} = \underline{2 \times 7}$$

3. The club members use 8 drinking cups at every meeting. The club met 5 times in September. How many drinking cups did the club use in September?

$$\underline{8} \times \underline{5} = \underline{5} \times \underline{8} \text{ or } \underline{5 \times 8} = \underline{8 \times 5}$$