

Concept HW_Grade-3_Multiplication and Division Properties of Multiplication

Use Commutative Property

Find the first fact and use it to find the next fact.

$2 \times 7 = \boxed{}$

$7 \times 2 = \boxed{}$

$5 \times 7 = \boxed{}$

$7 \times 5 = \boxed{}$

$3 \times 9 = \boxed{}$

$9 \times 3 = \boxed{}$

$4 \times 7 = \boxed{}$

$7 \times 4 = \boxed{}$

$5 \times 9 = \boxed{}$

$9 \times 5 = \boxed{}$

$4 \times 9 = \boxed{}$

$9 \times 4 = \boxed{}$

A) Fill in the missing numbers using the associative property of addition.

1) $(2+8)+10 = 2+(\underline{\hspace{1cm}}+10)$ 2) $3+(1+2) = (\underline{\hspace{1cm}}+1)+2$

3) $(1+3)+9 = 1+(3+\underline{\hspace{1cm}})$ 4) $(10+5)+1 = \underline{\hspace{1cm}}+(5+1)$

5) $2+(4+5) = (2+\underline{\hspace{1cm}})+5$ 6) $7+(6+1) = (7+6)+\underline{\hspace{1cm}}$

Fill in the blank using distributive property.

$$2 \times 8 = \underline{\hspace{1cm}} \times 5 + \underline{\hspace{1cm}} \times 3$$

$$= \underline{\hspace{1cm}} + \underline{\hspace{1cm}}$$

$$= \underline{\hspace{1cm}}$$

$$3 \times 6 = \underline{\hspace{1cm}} \times 3 + \underline{\hspace{1cm}} \times 3$$

$$= \underline{\hspace{1cm}} + \underline{\hspace{1cm}}$$

$$= \underline{\hspace{1cm}}$$

$$5 \times 9 = \underline{\hspace{1cm}} + \underline{\hspace{1cm}}$$

$$= \underline{\hspace{1cm}} + \underline{\hspace{1cm}}$$

$$= \underline{\hspace{1cm}}$$

$$4 \times 7 = \underline{\hspace{1cm}} + \underline{\hspace{1cm}}$$

$$= \underline{\hspace{1cm}} + \underline{\hspace{1cm}}$$

$$= \underline{\hspace{1cm}}$$

$$7 \times 6 = \underline{\hspace{1cm}} + \underline{\hspace{1cm}}$$

$$= \underline{\hspace{1cm}} + \underline{\hspace{1cm}}$$

$$= \underline{\hspace{1cm}}$$

$$8 \times 5 = \underline{\hspace{1cm}} + \underline{\hspace{1cm}}$$

$$= \underline{\hspace{1cm}} + \underline{\hspace{1cm}}$$

$$= \underline{\hspace{1cm}}$$