

Name: \_\_\_\_\_

Date: \_\_\_\_\_

# Associative Property of Multiplication



Direction:

Find the missing number according to the associative property.

a  $3 \times (5 \times 2) = (3 \times 5) \times \boxed{2}$

b  $8 \times (1 \times 6) = (\boxed{\phantom{00}} \times 1) \times 6$

c  $7 \times (5 \times 3) = (7 \times \boxed{\phantom{00}}) \times 3$

d  $2 \times (4 \times 1) = (2 \times \boxed{\phantom{00}}) \times 1$

e  $7 \times (3 \times 5) = (\boxed{\phantom{00}} \times 3) \times 5$

f  $6 \times (3 \times 2) = (6 \times 3) \times \boxed{\phantom{00}}$

Direction:

Match according to the associative property.

•  $5 \times (7 \times 6)$

•  $3 \times (4 \times 6)$

•  $(7 \times 3) \times 2$

•  $(3 \times 9) \times 1$

•  $3 \times (9 \times 1)$

•  $4 \times (3 \times 2)$

•  $(4 \times 3) \times 2$

•  $7 \times (3 \times 2)$

•  $(3 \times 4) \times 6$

•  $(5 \times 7) \times 6$



# Answer key

## Associative Property of Multiplication



Direction:

Find the missing number according to the associative property.

a  $3 \times (5 \times 2) = (3 \times 5) \times 2$

b  $8 \times (1 \times 6) = (8 \times 1) \times 6$

c  $7 \times (5 \times 3) = (7 \times 5) \times 3$

d  $2 \times (4 \times 1) = (2 \times 4) \times 1$

e  $7 \times (3 \times 5) = (7 \times 3) \times 5$

f  $6 \times (3 \times 2) = (6 \times 3) \times 2$

Direction:

Match according to the associative property.

- |                           |                           |
|---------------------------|---------------------------|
| • $5 \times (7 \times 6)$ | • $3 \times (4 \times 6)$ |
| • $(7 \times 3) \times 2$ | • $(3 \times 9) \times 1$ |
| • $3 \times (9 \times 1)$ | • $4 \times (3 \times 2)$ |
| • $(4 \times 3) \times 2$ | • $7 \times (3 \times 2)$ |
| • $(3 \times 4) \times 6$ | • $(5 \times 7) \times 6$ |
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