

Name : _____

Sheet 1

Associative Property of Multiplication

A) Write the missing numbers using the associative property.

1) _____ $\times (9 \times 6) = (5 \times 9) \times 6$

2) $(8 \times 4) \times 7 = 8 \times (\text{_____} \times 7)$

3) $2 \times (3 \times 1) = (\text{_____} \times 3) \times 1$

B) Find the product using the associative property.

1) If $(5 \times 2) \times 3 = 30$, then

2) If $1 \times (7 \times 9) = 63$, then

$5 \times (2 \times 3) = \text{_____}$

$(1 \times 7) \times 9 = \text{_____}$

3) If $4 \times (2 \times 8) = 64$, then

4) If $(6 \times 3) \times 5 = 90$, then

$(4 \times 2) \times 8 = \text{_____}$

$6 \times (3 \times 5) = \text{_____}$

C) Complete the statement to verify the associative property.

$3 \times (9 \times 2) = (3 \times 9) \times 2$

$3 \times \text{_____} = \text{_____} \times 2$

$\text{_____} = \text{_____}$