Name : _____

Properties of Multiplication

A) Identify the property used in each statement.

1) $2 \times 5 = 5 \times 2$ _____

2) $7 \times (9 - 2) = (7 \times 9) - (7 \times 2)$ _____

3) $6 \times 1 = 6$ _____

4) $8 \times (3 \times 4) = (8 \times 3) \times 4$ _____

B) Choose the statement that illustrates the specified property.

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

1) Distributive property ☐ $9 \times 8 = 8 \times 9$

☐ $4 \times (5 + 7) = (4 \times 5) + (4 \times 7)$

☐ $8 \times 1 = 8$

2) Identity property ☐ $7 \times (5 - 3) = (7 \times 5) - (7 \times 3)$

☐ $6 \times 4 = 4 \times 6$

☐ $2 \times (5 + 4) = (2 \times 5) + (2 \times 4)$

3) Commutative property ☐ $4 \times 7 = 7 \times 4$

☐ $(6 \times 9) \times 2 = 6 \times (9 \times 2)$