Name _____

Grouping Doesn't Change

1. Fill in the missing number to make the equation true.

a) (6 + 3) + ___ = 6 + (3 + 4) Answer: _____

b) (10 + ___) + 5 = 10 + (2 + 5) Answer: _____

c) (7 + 4) + 9 = 7 + (___ + 9) Answer: _____

2. Compute both sides and compare.

a) (2 + 9) + 1 = _____ 2 + (9 + 1) = _____

What do you notice? _____

b) (5 + 7) + 8 = _____ 5 + (7 + 8) = _____

What do you notice? _____

3. True or False - Addition

a) (8 + 6) + 2 = 8 + (6 + 2) → _____ b) (12 + 3) + 4 = 12 + (3 + 4) → _____

c) (4 + 5) + 3 = 4 + (5 × 3) → _____

4. Find the missing number.

a) (2 × 4) × ___ = 2 × (4 × 5) Answer: _____

b) (3 × ___) × 2 = 3 × (5 × 2) Answer: _____

c) (7 × 2) × 9 = 7 × (2 × ___) Answer: _____

5. Compute and compare.

a) (4 × 3) × 5 = _____ 4 × (3 × 5) = _____

What do you notice? _____

b) (6 × 2) × 8 = _____ 6 × (2 × 8) = _____

What do you notice? _____

6. Choose the correct statement.

Which one correctly shows the associative property?

a) (3 × 2) × 5 = 3 × (2 × 5)

b) (3 × 2) × 5 = (2 × 3) × 5

c) 3 × (2 + 5) = (3 × 2) + 5

Answer: _____