Name _____

Commutative Property Mixed Skills Review Answer Key

Directions: Circle **T** if the equation shows the Commutative Property, or **F** if it does not.

1.
a) 3 + 8 = 8 + 3 (**T** or F)
b) 7 × 4 = 4 × 7 (**T** or F)
c) 9 − 2 = 2 − 9 (T or **F**)
d) 6 × 5 = 5 × 6 (**T** or F)
e) 4 + 9 = 4 + 8 (T or F)

2.
a) 8 × 3 = 3 × 8 (**T** or F)
b) 10 − 5 = 5 − 10 (T or **F**)
c) 6 + 2 = 2 + 6 (T or **F**)
d) 12 ÷ 3 = 3 ÷ 12 (T or **F**)
e) 7 × 1 = 1 × 7 (**T** or F)

3. a and c are commutative.

4. The order of factors can change but the product stays the same.

5. No; division is not commutative because changing the order changes the result.

Directions: Draw or picture the arrays.

6. Draw 3 × 4 and 4 × 3. What do you notice? **Both equal 12 dots; same total.**

7. Draw 2 × 6 and 6 × 2. Are the totals the same? **Both equal 12 dots; same total.**

8. Draw 5 × 3 and 3 × 5. Do they make the same number of dots? **Both equal 15 dots; same total.**