

Lesson 5 ~ Number Properties

Name _____ Period _____ Date _____

Identify the property shown by each equation.

1. $7 + (3 + 5) = (7 + 3) + 5$

2. $6 + 7 + 3 = 7 + 3 + 6$

3. $3 \times 8 = 8 \times 3$

4. $(5 \times 2) \times 7 = 5 \times (2 \times 7)$

5. $(3 + 4) + 8 = 3 + (4 + 8)$

6. $3 \times 4 \times 5 = 4 \times 3 \times 5$

7. $(2 \times 4) \times 5 = 2 \times (4 \times 5)$

8. $4 \times 9 \times 2 = 2 \times 9 \times 4$

Circle if each equation is true or false. If the equation is true, identify the property shown.

9. $8 - (4 - 3) = (8 - 4) - 3$ True or False Property: _____

10. $(6 \times 2) \times 4 = 6 \times (2 \times 4)$ True or False Property: _____

11. $13 + 6 = 6 + 13$ True or False Property: _____

12. $9 \div 3 = 3 \div 9$ True or False Property: _____

13. Use the Commutative Property to write the numerical expression $2 \times 11 \times 5$ two other ways.

a)

b)

14. Use the Associative Property to write the numerical expression $7 + (4 + 6)$ one other way.