







Name : \_\_\_\_\_

Score : \_\_\_\_\_

Teacher : \_\_\_\_\_

Date : \_\_\_\_\_

## Working with the Properties of Mathematics

- 11 ) Which equation shows the Identity Property of Multiplication ?
- A.  $a(b + c) = ab + ac$                       B.  $(a + b) + 8 = a + (8 + b)$                       C  
C.  $a \times 1$     D.  $a + a + a = 3 \times a$
- 12 ) Which is an example of Identity Property of Addition ?
- A.  $3 + 6 = 6 + 3$                                       B.  $(6 + 7) + 5 = 6 + (7 + 5)$                       C  
C.  $2 + 0 = 2$     D.  $4 \times 1 = 4$
- 13 ) Which of the following does not show the Commutative Property ?
- A.  $4 + y = y + 4$                                       B.  $yx = xy$     C  
C.  $xy - 8 = xy$     D.  $x + y = y + x$
- 14 ) Which equation shows the Commutative Property of Multiplication ?
- A.  $5 \times 3 = 5 + 5 + 5$                                       B.  $2 \times 3 = 3 \times 2$     B  
C.  $6 \times 9 - 4 \times 9 = (6 - 4) \times 9$                                       D.  $8 \times 1 = 8$
- 15 ) Which of the following is an example of Commutative Property of Addition ?
- A.  $5 + 8 = 3 + 5$     B.  $2 + 9 = 9 + 2$     B  
C.  $(9 + 4) + 7 = 9 + (4 + 7)$     D.  $6 \times 1 = 6$
- 16 ) Which Property of Multiplication is shown ?  $(6 + 2) \times 5 = 6 \times 5 + 2 \times 5$
- A. Associative Property                                      B. Identity Property    C  
C. Distributive Property                                      D. Commutative Property
- 17 ) Which property of addition is used in the following ?  $(8 + 6) + 5 = 8 + (6 + 5)$
- A. Distributive Property                                      B. Identity Property    C  
C. Associative Property                                      D. Commutative Property

