

NAME: _____

DATE: _____

TEACHER: _____

Working and Identifying Properties of Mathematics Worksheet (11)

- 1) Which property is represented in the following statement ? If $a = b$, then $a / c = b / c$

A. Transitive Property of Equality	B. Reflexive Property of Equality	_____
C. Symmetric Property of Equality	D. Property of Equality for Division	_____

- 2) Which property is represented in the following statement ? If $a = b$, then $b = a$.

A. Property of Equality for Subtraction	B. Symmetric Property of Equality	_____
C. Transitive Property of Equality	D. Reflexive Property of Equality	_____

- 3) Which property is represented in the following statement ? If $a = b$, then $a \times c = b \times c$

A. Property of Equality for Multiplication	B. Reflexive Property of Equality	_____
C. Symmetric Property of Equality	D. Transitive Property of Equality	_____

- 4) Which property is represented in the following statement ? If $a = a$: anything is congruent to itself.

A. Transitive Property of Equality	B. Property of Equality for Division	_____
C. Symmetric Property of Equality	D. Reflexive Property of Equality	_____

- 5) Which equation shows the Additive Inverse of a Number ?

A. $a \times 0 = 0$	B. $a + -a = 0$	_____
C. $a + a = 2a$	D. $a + 0 = a$	_____

- 6) Which property is represented in the following statement ? If $a = b$, then $a + c = b + c$

A. Property of Equality for Addition	B. Reflexive Property of Equality	_____
C. Transitive Property of Equality	D. Symmetric Property of Equality	_____

- 7) Which property is represented in the following statement ? If $a = b$ and $b = c$, then $a = c$.

A. Property of Equality for Addition	B. Reflexive Property of Equality	_____
C. Transitive Property of Equality	D. Symmetric Property of Equality	_____

- 8) Which equation shows the Multiplicative Inverse of a Number ?

A. $a + -a = 0$	B. $a \times 1 = a$	_____
C. $a \times (1/a) = 1$	D. $a \times 0 = 0$	_____

- 9) Which property is represented in the following statement ? If $a = b$, then $a - c = b - c$

A. Property of Equality for Subtraction	B. Transitive Property of Equality	_____
C. Reflexive Property of Equality	D. Symmetric Property of Equality	_____

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