Name : _____ Score : _____

Teacher : _____ Date : _____

Working with the Properties of Mathematics

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

A. Transitive Property of Equality **B.** Symmetric Property of Equality _____

C. Reflexive Property of Equality **D.** Property of Equality for Division

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

A. Symmetric Property of Equality **B.** Property of Equality for Subtraction _____

C. Reflexive Property of Equality **D.** Transitive Property of Equality

3) Which property is represented in the following statement ? If a = b, then a x c = b x c

A. Transitive Property of Equality **B.** Property of Equality for Multiplication _____

C. Symmetric Property of Equality **D.** Reflexive Property of Equality

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

A. Reflexive Property of Equality **B.** Symmetric Property of Equality _____

C. Property of Equality for Addition **D.** Transitive Property of Equality

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

A. Symmetric Property of Equality **B.** Property of Equality for Division _____

C. Reflexive Property of Equality **D.** Transitive Property of Equality

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

A. Reflexive Property of Equality **B.** Transitive Property of Equality _____

C. Symmetric Property of Equality **D.** Property of Equality for Subtraction

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

A. Symmetric Property of Equality **B.** Transitive Property of Equality _____

C. Reflexive Property of Equality **D.** Property of Equality for Addition

Name : _____ Score : _____

Teacher : _____ Date : _____

Working with the Properties of Mathematics

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

A. Transitive Property of Equality **B.** Symmetric Property of Equality D

C. Reflexive Property of Equality **D.** Property of Equality for Division

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

A. Symmetric Property of Equality **B.** Property of Equality for Subtraction B

C. Reflexive Property of Equality **D.** Transitive Property of Equality

3) Which property is represented in the following statement ? If a = b, then a x c = b x c

A. Transitive Property of Equality **B.** Property of Equality for Multiplication B

C. Symmetric Property of Equality **D.** Reflexive Property of Equality

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

A. Reflexive Property of Equality **B.** Symmetric Property of Equality D

C. Property of Equality for Addition **D.** Transitive Property of Equality

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

A. Symmetric Property of Equality **B.** Property of Equality for Division C

C. Reflexive Property of Equality **D.** Transitive Property of Equality

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

A. Reflexive Property of Equality **B.** Transitive Property of Equality C

C. Symmetric Property of Equality **D.** Property of Equality for Subtraction

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

A. Symmetric Property of Equality **B.** Transitive Property of Equality D

C. Reflexive Property of Equality **D.** Property of Equality for Addition