**H. Geometry – Bellwork #26 Date: \_\_\_\_\_\_\_\_\_\_**

1. Identify the hypothesis of the conditional: “If it is Saturday, then we do not go to school.

[A] If [B] then [C] it is Saturday [D] we do not go to school

2. Identify the conclusion of the conditional: “If it is Saturday, then we do not go to school.”

[A] If [B] then [C] it is Saturday [D] we do not go to school

3. Identify the correct converse of the conditional: “If it is Saturday, then we do not go to school.”

[A] If we do not go to school, then it is Saturday.

[B] If it is not Saturday, then we do go to school.

[C] If we go to school, then it is not Saturday.

[D] If it is Sunday, then we do not go to school

4. Identify the property that justifies the statement: If 3x – 7 = 23, then 3x = 30.

[A] Subtraction Property of Equality [B] Addition Property of Equality

[C] Substitution [D] Transitive Property of Equality

5. Identify the property that justifies the statement: If , then .

[A] Reflexive Property of Congruence [B] Symmetric Property of Congruence

[C] Transitive Property of Congruence [D] Division Property of Equality

**For 6 – 11, name the property that justifies each statement.**

6. If  and , then \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

7. If 3x + 2 = 7, then 3x = 5. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

8. If y = 2 and x + y = 7, then x + 2 = 7 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

9. If , then x = 4 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

10. If , then . \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

11. -3(x – 6) = -3x + 18 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_