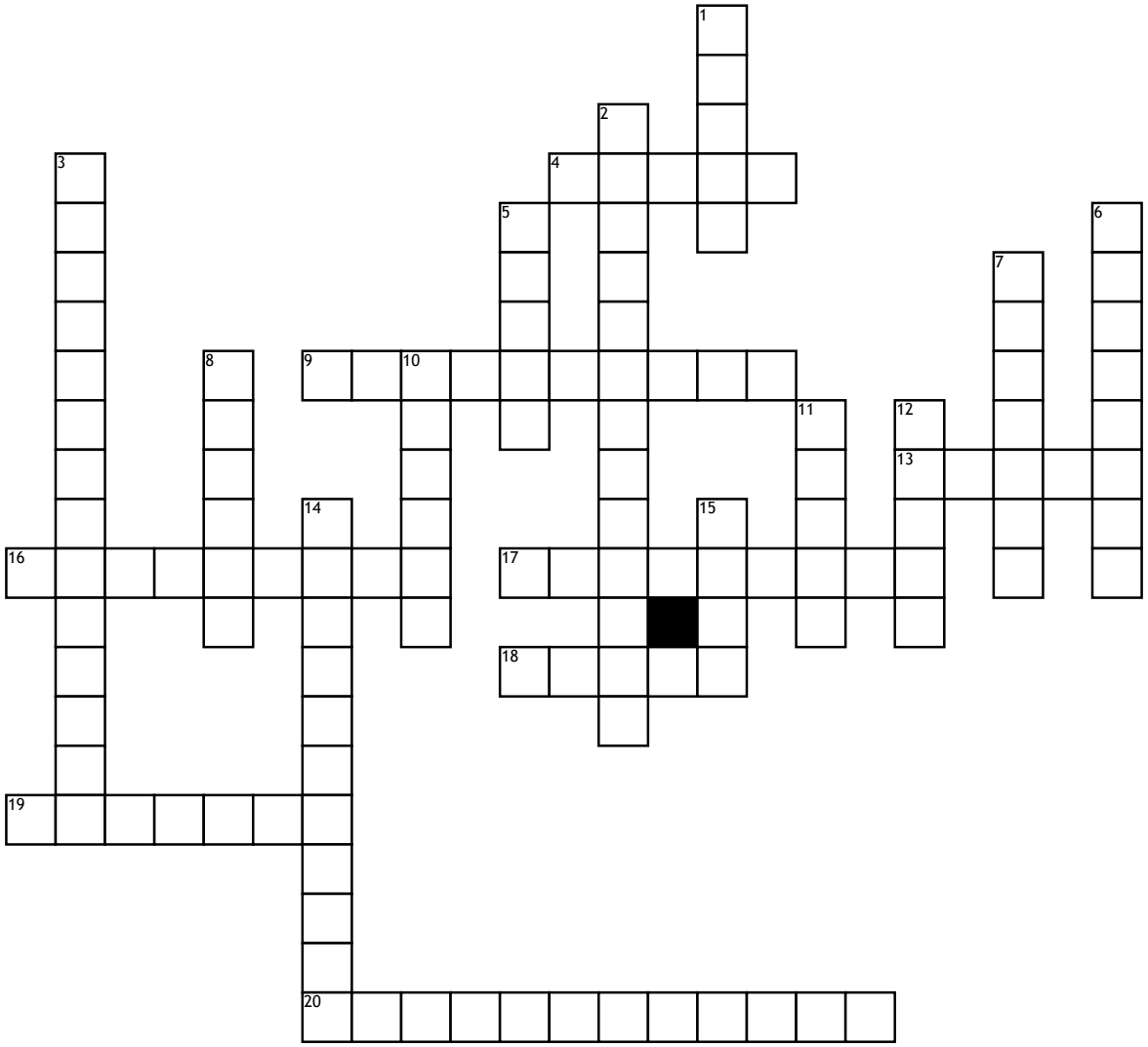
Name: _____ Date: _____

Triangle Proofs



Across

4. Midpoint gives you congruent _____

9. If a = b and b = c, then a = c uses what property?

13. This is NEVER a reason in a proof, even for the last statement.

16. The reason used when two triangles share a side or angle

17. All vertical angles are _____

18. True or False - Angle Angle Angle can be used for Triangle Congruence

19. To use SAS, the congruent angles must be _____ the congruent sides.

20. SSS

Down

1. The first reason in every proof

2. The 3rd thing you need in order to use HL besides Hypotenuse and Leg

3. ASA

5. True or False: All right triangles are congruent.

6. To use AAS, the congruent angles must be _____

7. For Triangle Congruence, you can't use the combination of sides and angles that spells a _____

8. Parallel lines gives you congruent _____

10. Angle Bisector gives you congruent ___

11. Segment Bisector gives you congruent _____

12. Corresponding parts of congruent triangles are congruent

14. What perpendicular lines give you

15. True of False: All right angles are congruent

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