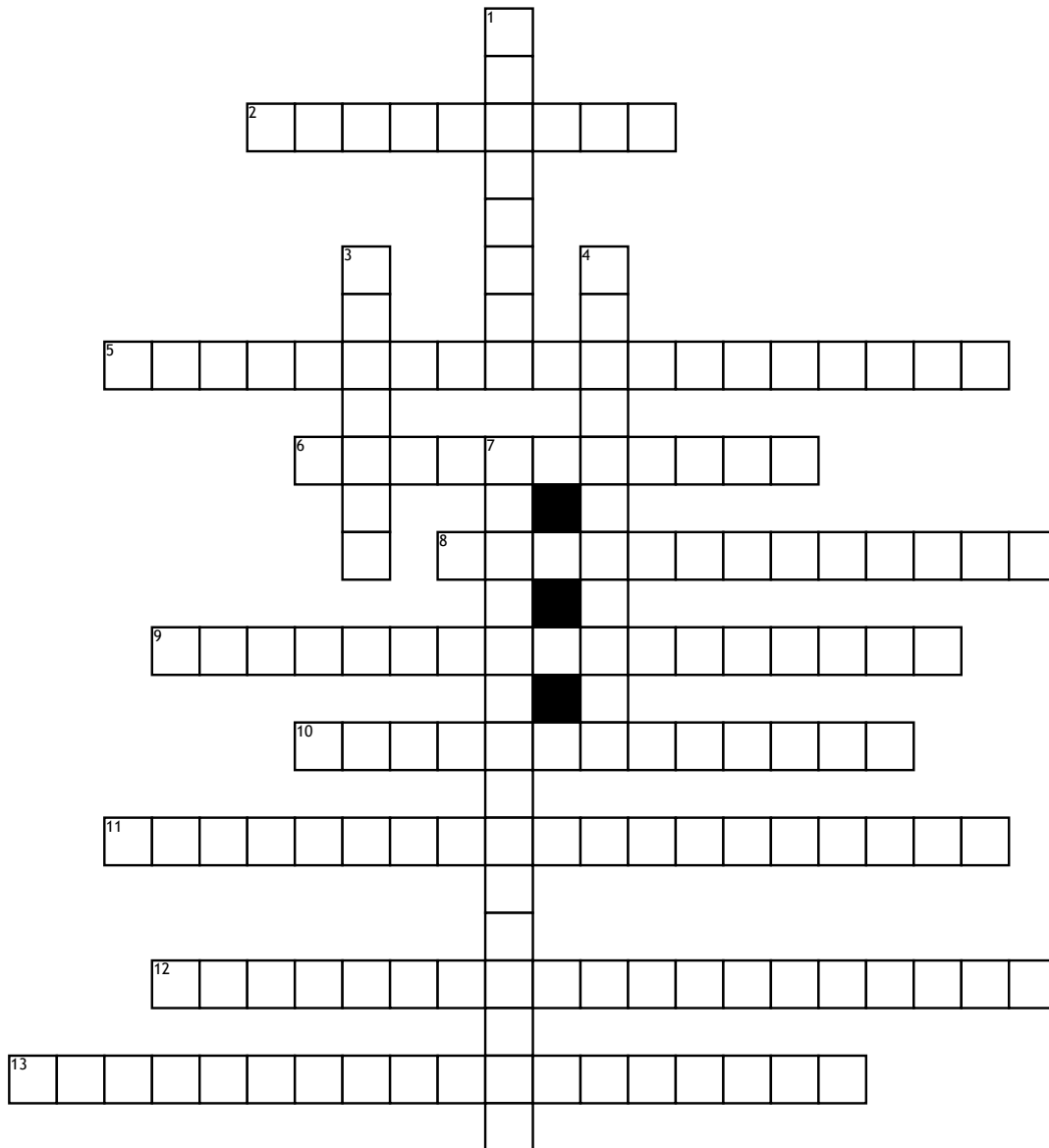# Similarity, Congruence, and Proofs

Across

2. A statement that is accepted as true without proof.

5. two angles whose measures have a sum of 90 degrees.

6. A line that intersects two coplanar lines at two different points.

8. lines in the same plane that do not intersect.

9. A triangle with at least two congruent sides.

10. A triangle with three acute angles.

11. A triangle with three congruent sides.

12. A statement that indicates that two polygons are congruent by listing the vertices in the order of correspondence.

13. lines that intersect at 90 degree angles.

Down

1. A transformation that changes the size of a figure but not its shape.

3. a statement that has been proven.

4. The multiplier used on each dimension to change one figure into a similar figure.

7. A triangle with no congruent sides