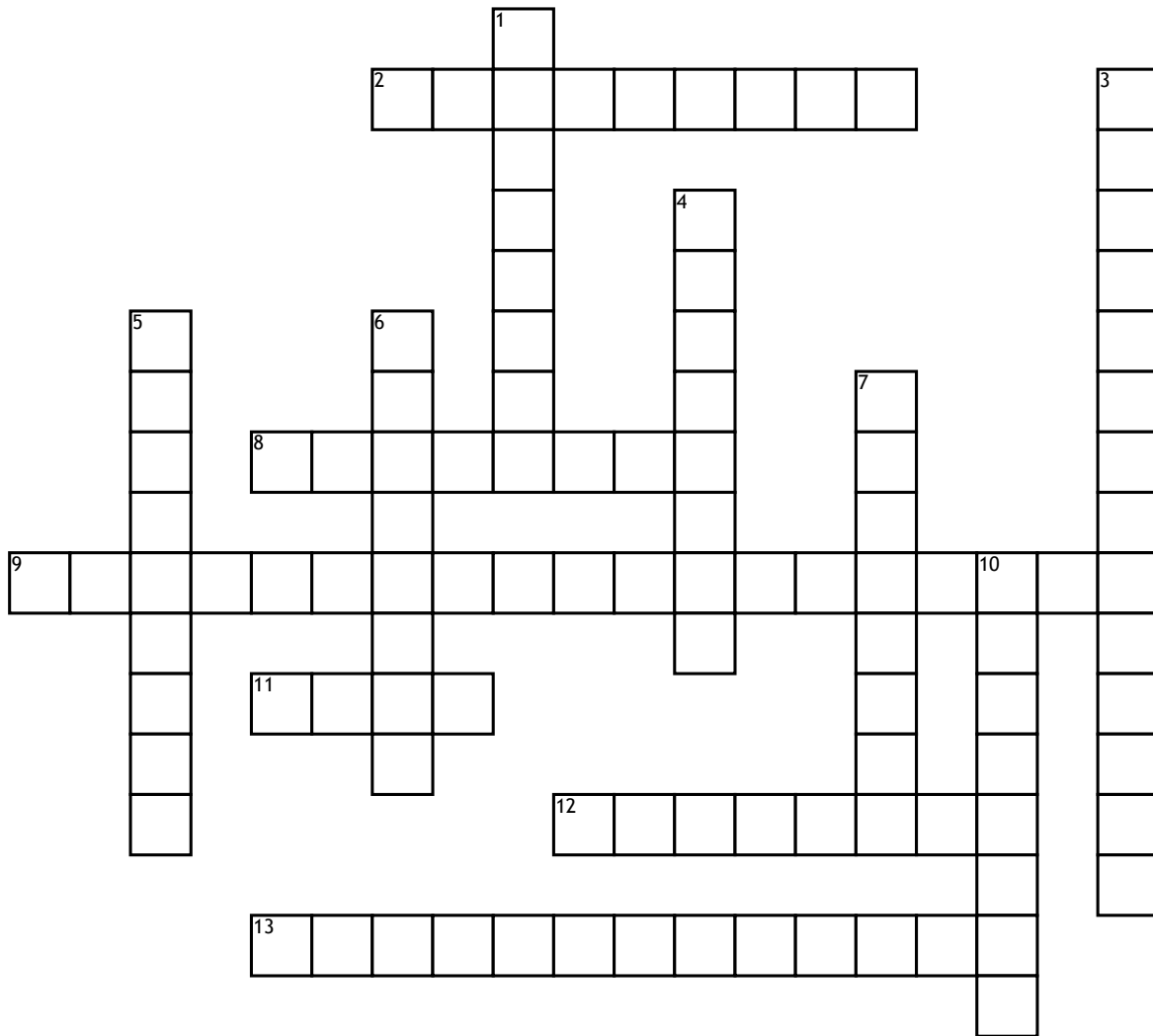# Unit 1 Similarity Congruence and Proofs

Across

2. An _____ line is a line that is added to a figure to aid in a proof.

8. _____ is the set of all points outside figure.

9. Another name of Isometry.

11. A _____ chart proof uses boxes and arrows to show the structure of proof.

12. A _____ from a point to a line the length of perpendicular segment from the point to the line.

13. A _____ bisector of a segment is a line perpendicular to segment at the segment midpoint.

Down

1. An _____ angle is formed by one side of the triangle and the extension of an adjacent side.

3. A _____ is that you lists the steps of proof in the left column.

4. An _____ angle is formed by two sides of a triangle.

5. A _____ proof is a style of proof that presents the steps of the proof and their matching reasons as sentence in paragraph.

6. _____ is the set of all points inside the figure.

7. A _____ with scale factor K>0 and center (0,0) maps (x,y) to (KX,Y)

10. An _____ is a transformation that preserves length, angle measure, and area.