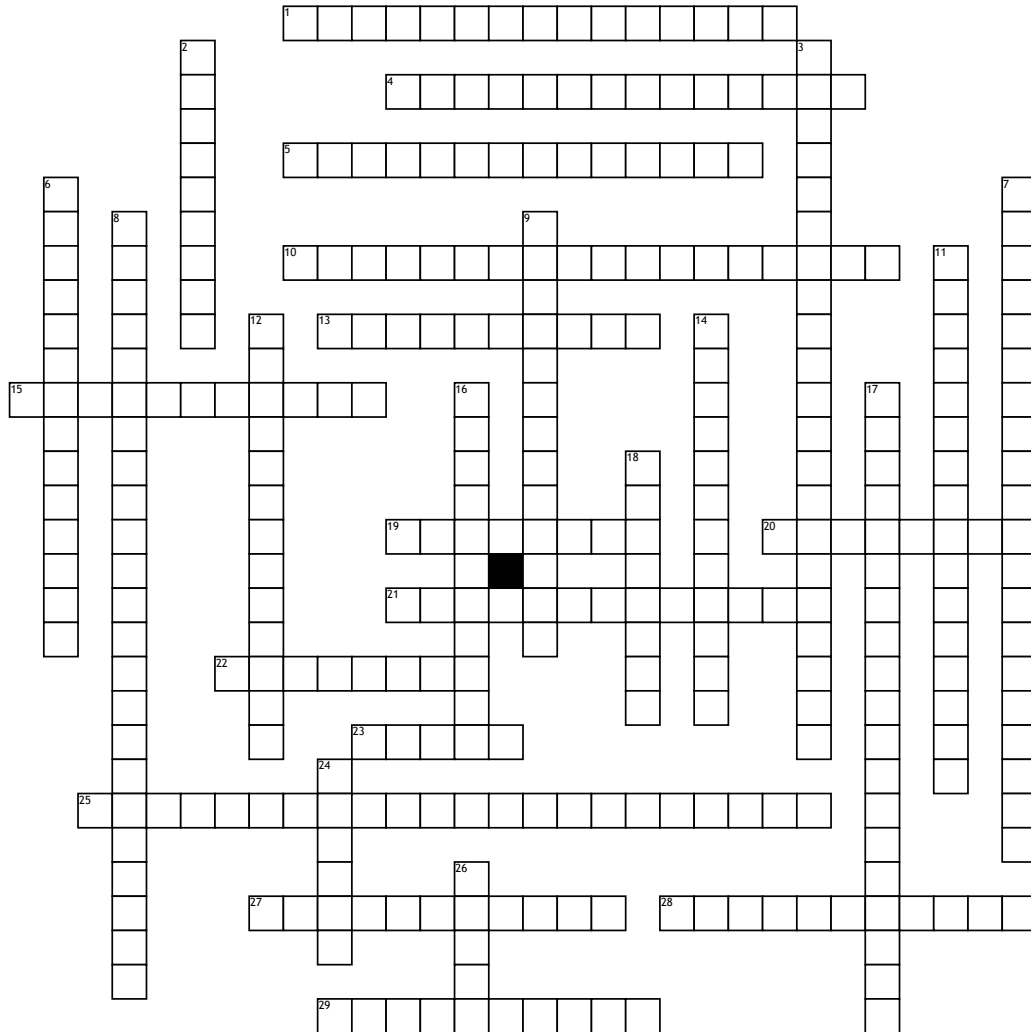


Unit 2 Vocabulary



Across

- 1. An _____ is in a circle if and only if each of its vertices lie on the circle.
- 4. Angles in the same plane that have a common vertex and a common side, but no common interior points.
- 5. A polygon that is both equilateral and equiangular.
- 10. Sides that have the same relative positions in geometric figures
- 13. Adjacent, supplementary angles.
- 15. A line that crosses two or more lines.
- 19. Transformation that changes the size of a figure, but not the shape.
- 20. This divides a segment or angle into two equal parts.
- 21. An angle that forms a linear pair with one of the angles of the polygon.
- 22. The point of concurrency of the bisectors of the angles of a triangle.
- 23. Two distinct rays that share a common endpoint (also known as a vertex).

- 25. These angles are on the same side of the transversal and are Georgia Department of Education Georgia Standards of Excellence Framework GSE Geometry ▫ Unit 2: Mathematics ▫ GSE Geometry ▫ Unit 2: Similarity, Congruence, and Proofs July 2017 ▫ Page 12 of 188 between the other two lines, when the two other lines are parallel. These angles are supplementary.
- 27. The ratio of any two corresponding lengths of the sides of two similar figures.
- 28. The property of a polygon whose angles are all congruent.
- 29. An equation which states that two ratios are equal.

- 9. Two angles whose sum is 90 degrees.
- 11. Figures that have the same shape and size.
- 12. Two lines that lie in the same plane and they do not intersect.
- 14. The point of concurrency of the perpendicular bisectors of the sides of a triangle.
- 16. The property of a polygon whose sides are all congruent.
- 17. Angles that have the same relative positions in geometric figures.
- 18. The point of concurrency of the medians of a triangle.
- 24. A segment whose endpoints are a vertex of the triangle and the midpoint of the side opposite the vertex.
- 26. Comparison of two quantities by division and may be written as r/s , $r:s$, or r to s .

Down

- 2. The points at an end of a line segment.
- 3. A perpendicular line or segment that passes through the midpoint of a segment.
- 6. Figures that have the same shape but not necessarily the same size.
- 7. The two angles non-adjacent to the exterior angle.
- 8. These angles are on opposite sides of the transversal and are in between the other two lines, when those lines are parallel. These angles are equal.

Word Bank

Scale Factor	Angle	Inscribed Circle	Parallel Lines	Bisector
Corresponding Sides	Adjacent Angles	Equiangular	Alternate Interior Angles	Linear Pair
Dilation	Circumcenter	Congruent Figures	SameSide Interior Angles	Exterior Angle
Corresponding Angles	Centroid	Similar Figures	Complementary	Transversal
Proportion	Median	Incenter	Ratio	Regular Polygon
Perpendicular Bisector	Remote Interior Angles	Endpoints	Equilateral	