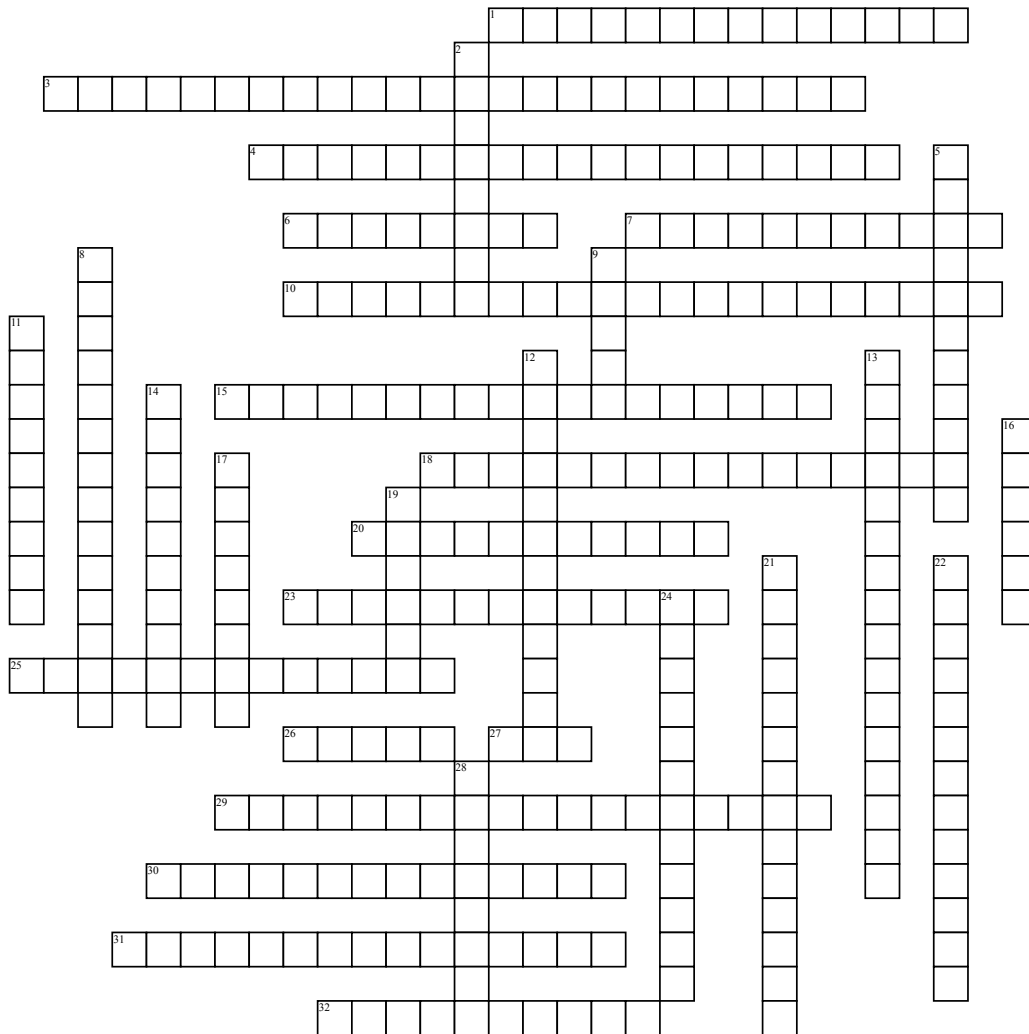# Acc. Algebra II EOC Vocabulary Review

Across

1. is a series of statements and reasons often displayed in a chart that works from given information to the statement that needs to be proven

3. If two sides of a triangle are congruent, then the angles opposite those sides are also congruent.

4. incenter, centroid, orthocenter, and circumcenter are all ____ __ ____

6. an arc that has a measure less than 180 degrees

7. part of a line; it consists of 2 points and all points between them

10. Vertical Angles are Congruent

15. an angle formed by two rays that are each tangent to a circle

18. a polygon whose vertices all lie on a circle

20. a transformation of points in space consisting of a sequence of one or more translations, reflections, and/or rotations (in any order). This transformation leaves the size and shape of the original figure unchanged.

23. the distance around a circle

25. lines in the same plane that do not intersect

26. a line segment whose endpoints are on a circle

27. a part of the circumference of a circle

29. Two lines that intersect to form right angles

30. an operation that maps or moves a pre-image onto an image

31. a circle enclosed in a polygon, where every side of the polygon is tangent to the circle

32. a line that is in the plane of a circle and intersects the circle at exactly two points

Down

2. an arc that has a measure greater than 180 degrees

5. a line that is in the plane of a circle and intersects the circle at only one point

8. If a reflection across a line maps the figure to itself, then that line is called a _____ __ _____

9. formed by 2 rays with a common endpoint

11. a portion of the circumference of a circle

12. is equidistant from the vertices of the triangle inscribed in a circle (is the center)

13. have the same corresponding side lengths and the same corresponding angle measures as each other.

14. An arc that measures exactly 180 degrees

16. a line segment from the center of a circle to any point on the circle

17. a chord that passes through the center of a circle

19. the set of all points in a plane that are equidistant from a given point called a center

21. an angle whose vertex is on a circle and whose sides are chords of the circle

22. a line drawn in a diagram that makes other figures, such as congruent triangles or angles, ormed by a transversal

24. an angle whose vertex is at the center of a circle and whose sides are radii of the circle

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

Word Bank

Points of Concurrency	Inscribed Angle	Circumcenter	Minor Arc	Auxiliary Line
Tangent Line	Central Angle	Radius	Circle	Semi Circle
Two-column Proof	Major Arc	Inscribed Polygon	Isosceles Triangle Theorem	Vertical Angles Theorem
Circumference	Arc Length	Arc	Line Segment	Diameter
Parallel Lines	Rigid Motion	Perpendicular Lines	Congruent Figures	Chord
Dilation	Angle	Inscribed circle	Secant Line	Circumscribed Angle
Line of Symmetry	Transformation			