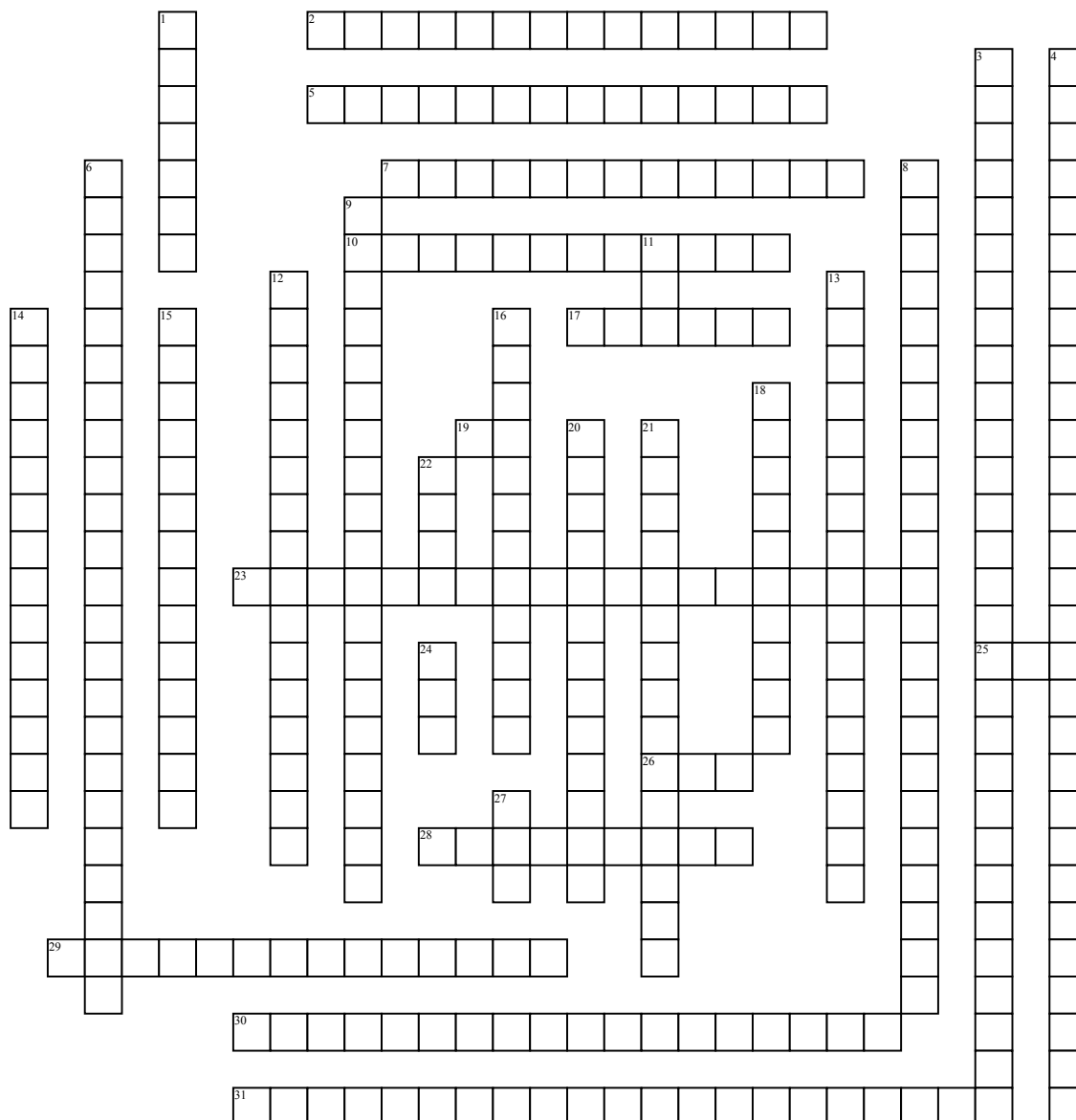Name: _____     Date: _____     Period: _____

# Geometry Crossword



**Across**

**2.** Pairs of different angles made by two intersecting lines

**5.** A triangle where the angles are 45, 45, 90 triangle

**7.** Two right triangles are congruent if the hypotense and one corresponding angle are equal

**10.** The longest side the one across from a given angle

**17.** The trigonometric function that is equal to the ratio of the side adjacent

**19.** Two triangles are similar that have two similar corresponding angles

**23.** A method of using proportions to find an unknown length or distance in similar figures

**25.** Two angles the included side of one triangle are congruent

**26.** Two angles and a opposite side

**28.** A image that is transformed that is the same shape as the previous shape but different size

**29.** Positive acute angle that can represent any angle of measurement

**30.** Three interior angles add up to 180

**31.** The angle formed in the interior of a circle when two secant lines intersect on a triangle

**Down**

**1.** A line that touches a circle or ellipse at just one point

**3.** The measurement of an angle formed by two secants, two tangent

**4.** The measurement of an arc of a circle is equal to the measure of the central iidea

**6.** Transversal passes through two lines

**8.** Pair of angles on the outer side of each of the two lines

**9.** The angles that occupy the same relative position at each intersection

**11.** The corresponding sides of two triangles that proportional

**12.** An angle between a ray incident on a surface on the line perpendicular to thee surface at the point of the incidence

**13.** The angle between a reflected ray at the point of incidence to a reflecting surface

**14.** A triangle where the angles are 30,60, and 90

**15.** Two figures that have the same shape and the corresponding angles are equal

**16.** Two sides that meet at a vertex of the polygon

**18.** The longest side of a right triangle

**20.** A special type of average

**21.** Triangles that are congruent if any pair has a corresponding angles that are equal in both triangles

**22.** The trigonometric function that is equal to the ratio of the side opposite given

**24.** Three sides in proprtion

**27.** Two sides and the included angle of one triangle congruent to two sides