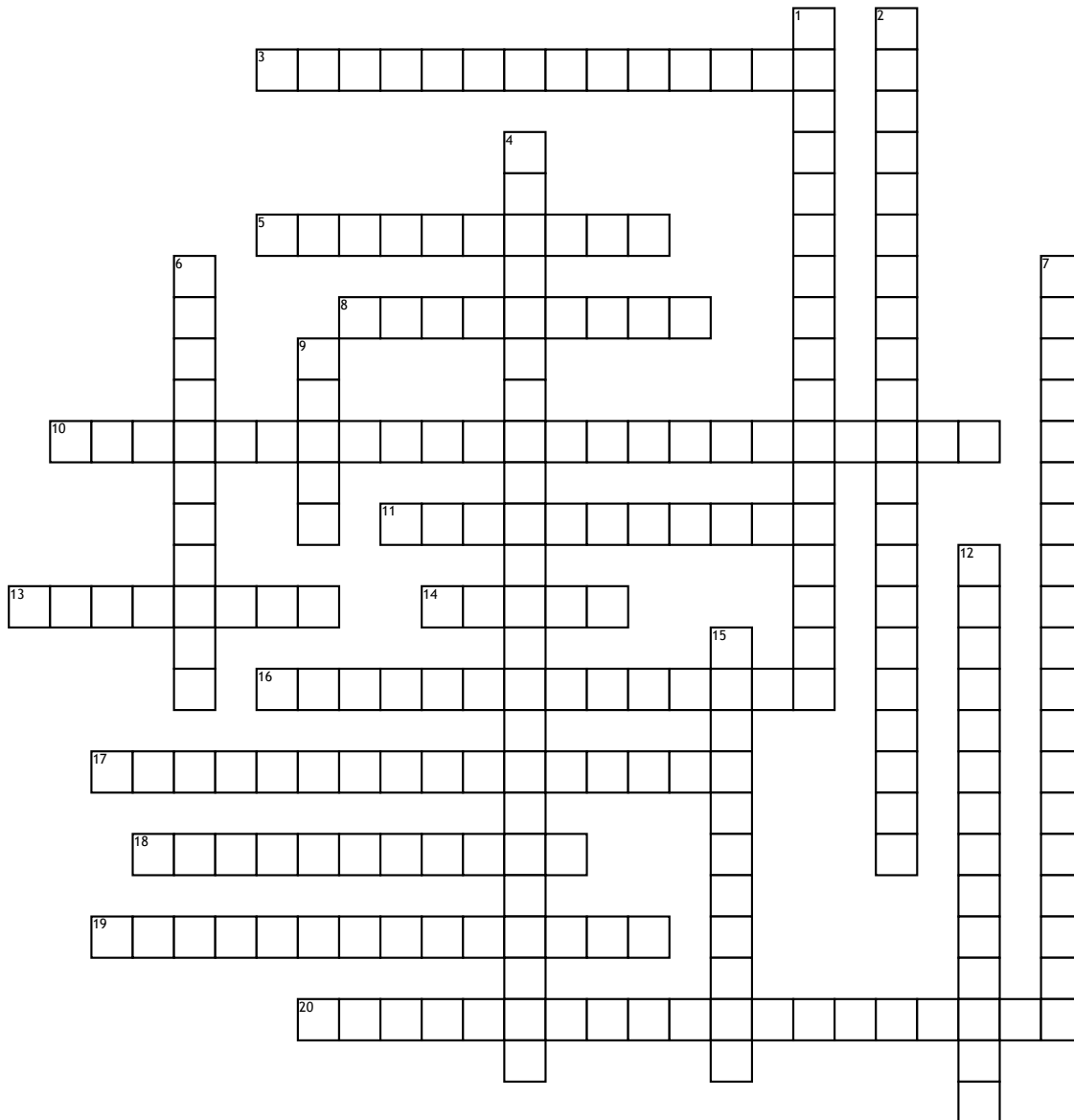


Geometry Unit 2



Across

3. regular polygon is a polygon that is equiangular

5. equation written in the form stating that two ratios are equivalent; two sets of numbers are proportional if one set is a constant times the other

8. When an angle, shape, or point, is similar/same as the previous object

10. Alternate Exterior angles are located on opposite sides of the transversal, and are diagonal from one another.

11. having all its sides of the same length; can also have all angles the same

13. the action or condition of becoming or being made wider, larger, or more open

14. ratio indicates how many times one number contains another; relationship between two things when it is expressed in numbers or amounts

16. Similar figures are two figures having the same shape; objects which are of exactly same shape and size are known as congruent objects

17. An inscribed polygon is a polygon in which all vertices lie on a circle; The polygon is inscribed in the circle and the circle is circumscribed about the polygon.

18. equiangular polygon is a polygon whose vertex angles are equal. lengths of the sides are also equal

19. pair of equal angles between a pair of intersecting lines; opposite angles.

20. Complementary angles are angles which complement one another, which means that it is two angles which sizes add up to 90°

Down

1. when two or more lines meet at one point; form a pair of vertical angles

2. A line which cuts a line segment into two equal parts at 90° .

4. located on interior sides of the transversal, and are diagonal from one another.

6. The ratio of any two corresponding lengths in two similar geometric figures is called as Scale Factor; ratio of the length of the scale drawing to the corresponding length of the actual object is called as Scale Factor.

7. either of two angles whose sum is 180°

9. a plane is a flat, two-dimensional surface that extends infinitely far. A plane is the two-dimensional analogue of a point

12. when two angles have a common side and a common vertex and do not overlap

15. intersecting a system of lines; line that passes through two lines in the same plane at two distinct points.