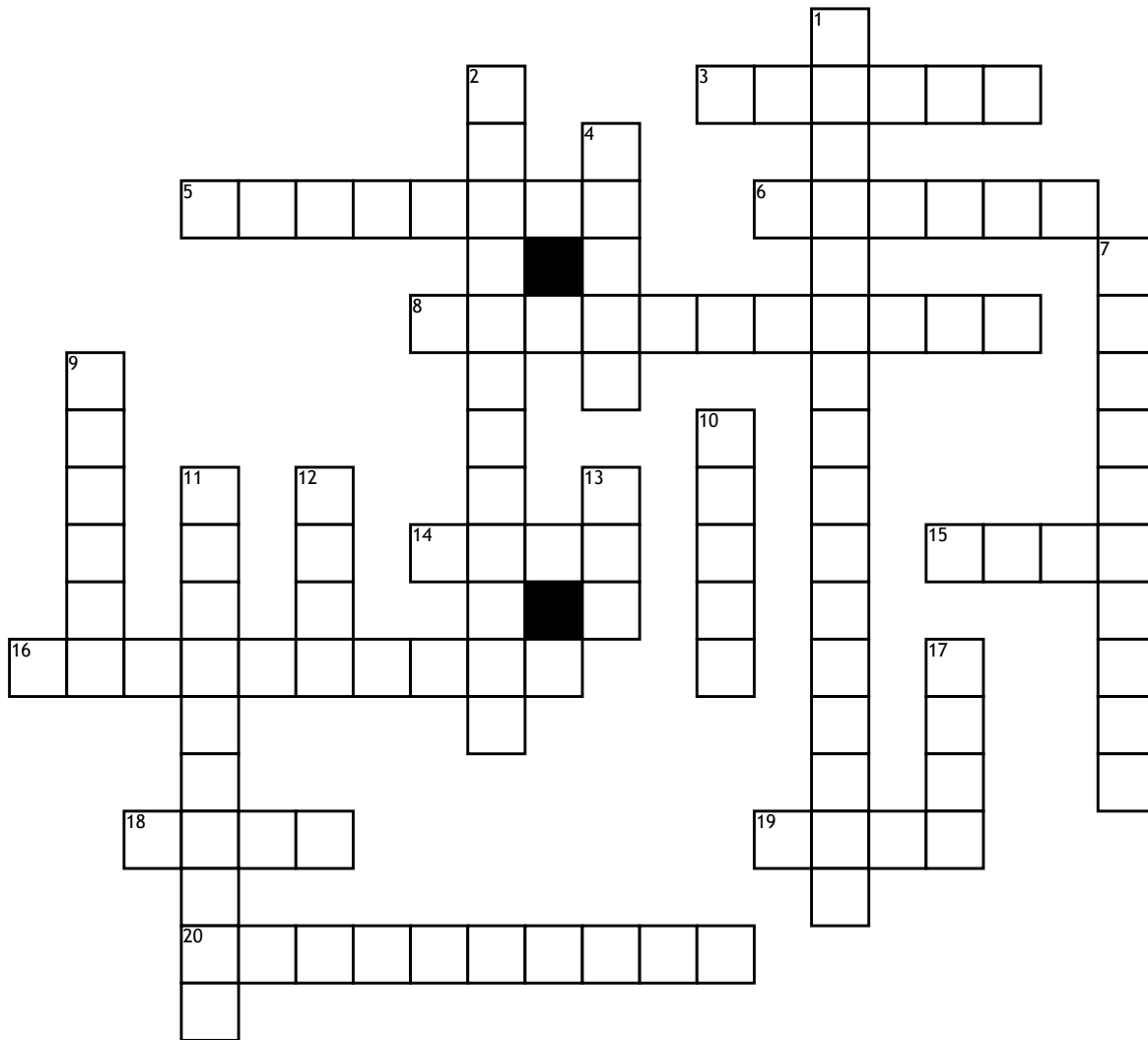


Name: \_\_\_\_\_

Date: \_\_\_\_\_

# Polyhedrons



## Across

3. the set of all points in space equidistant from a given point called the center
5. A solid that has 2 congruent parallel bases that are circles
6. A point where three or more edges intersect
8. a solid figure with twenty plane faces, especially equilateral triangular ones.
14. The line segment along which two faces of a polyhedron
15. A flat surface of a polyhedron.
16. any polyhedron having ten plane faces

18. A segment that is formed by the intersection of two faces

19. Each polygon is a \_\_\_\_\_ of the polyhedron

20. a polyhedron with eight faces.

## Down

1. having or appearing to have length, breadth, and depth.
2. a three-dimensional shape having twelve plane faces, in particular a regular solid figure with twelve equal pentagonal faces.
4. A polyhedron that has two congruent polygon-shaped bases and other faces that are all parallelograms.

7. a 3D figure whose surfaces are polygons

9. The number of cubic units needed to fill a given space.

10. A polyhedron with two congruent parallel faces called bases

11. any polyhedron having six plane faces

12. a symmetrical three-dimensional shape, either solid or hollow, contained by six equal squares.

13. 2D pattern that you can fold to form a 3D figure

17. a solid that has one circular base and a vertex not in the plane of the circle, and a curved lateral surface