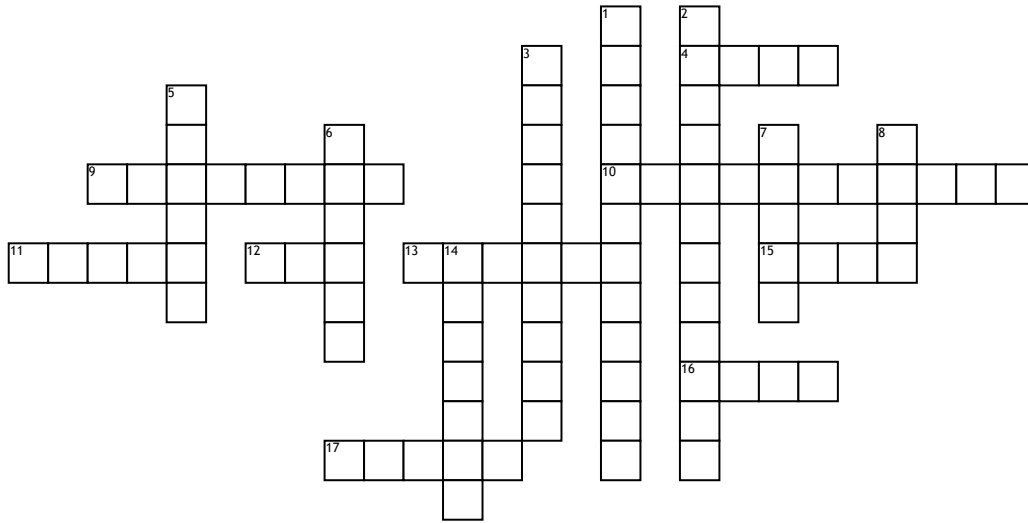


3 Dimensional Geometry



Across

4. The point (vertex) furthest from the base of an object.

9. A solid object with: • two identical flat ends that are circular or elliptical • and one curved side.

10. The total area of the surface of a three-dimensional object.

11. A solid object with two identical ends and flat sides.

12. A pattern that you can cut and fold to make a model of a solid shape.

13. A 3-dimensional object shaped like a ball.

15. A line segment on the boundary joining one vertex (corner point) to another.

16. A solid (3-dimensional) object that has a circular base joined to point by a curved side.

17. A three dimensional (3D) object.

Down

1. A view into the inside of something made by cutting through it.

2. On the side.

3. A solid with flat faces.

5. The amount of 3-dimensional space something takes up.

6. A point where two or more line segments meet. A corner.

7. The face that defines the 3D shape

8. Any of the individual flat surfaces of a solid object.

14. A solid object where: • The sides are triangles which meet at the top. • The base is a polygon (a flat shape with straight sides)

Word Bank

Apex

Face

Cone

Vertex

Edge

Cylinder

Solid

Sphere

Lateral Faces

Net

Bases

Cross Section

Prism

Surface Area

Pyramid

Polyhedron

Volume