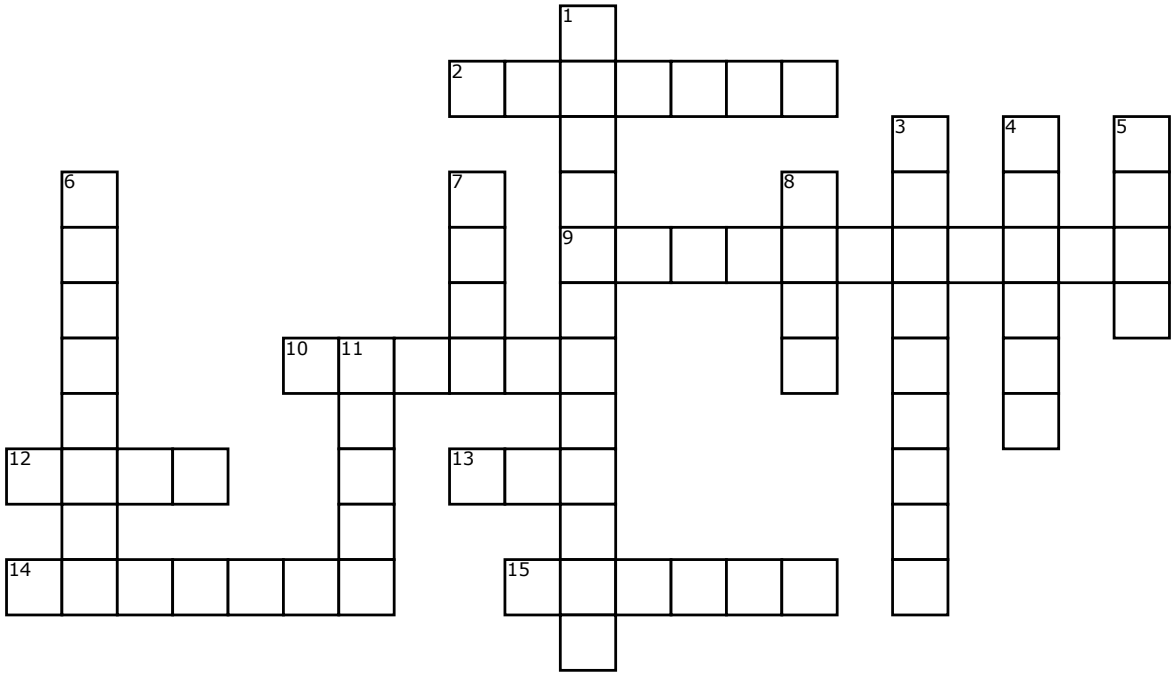
Drawing 3D shapes



Across

2. A 3D solid with a polygon as its base. All the other faces are triangular in shape and meet at a single vertex.

9. The total area of all the faces of a 3D solid.

10. A 3D shape with every point on its surface the same distance from the centre.

12. A line along which two faces meet.

13. A 2D shape that can be folded to make a 3D solid.

14. A part of of a cone which remains when the top part is cut off with a cut parallel to the base.

15. The amount of space occupied by, or inside, a 3D shape.

Down

1. The 2D shape formed when a solid shape is cut through in a specified direction, usually parallel to one of its faces.

3. A 2D drawing of a 3D object looking straight at the object from the front or side.

4. A point at which two or more edges meet.

5. A drawing of a 3D object looking straight down at the object from directly overhead.

6. A prism with a circular cross-section.

7. A solid with a circular base and one vertex.

8. A flat surface of a solid enclosed by edges.

11. A 3D solid with a constant cross-section.