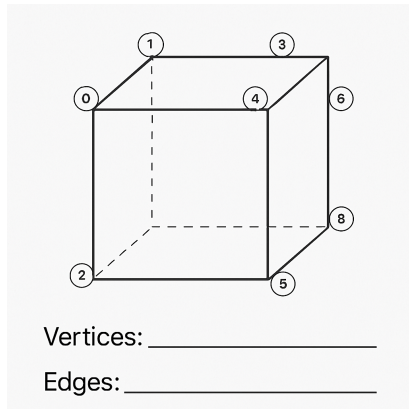


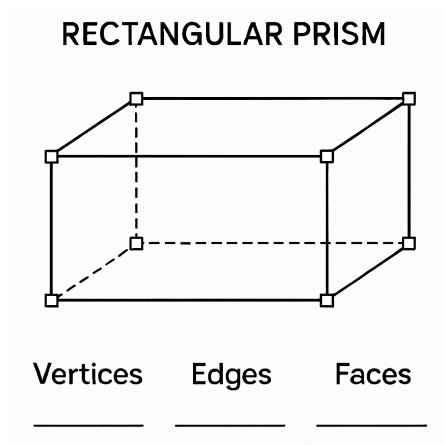
Vertices, Edges, and Faces: Diagram Labelling Worksheet

1. Cube



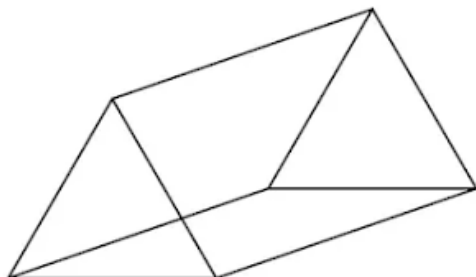
- Number of vertices: _____
- Number of edges: _____
- Number of faces: _____

2. Rectangular Prism



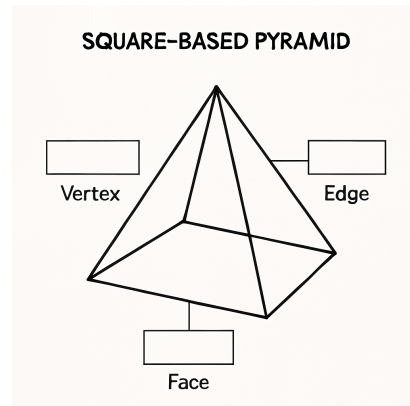
- Number of vertices: _____
- Number of edges: _____
- Number of faces: _____

3. Triangular Prism



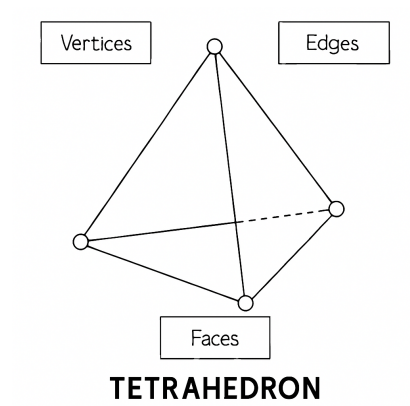
- Number of vertices: _____
- Number of edges: _____
- Number of faces: _____

4. Square-based Pyramid



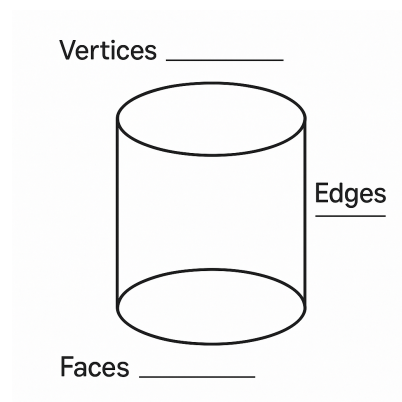
- Number of vertices: _____
- Number of edges: _____
- Number of faces: _____

5. Triangular-based Pyramid (Tetrahedron)

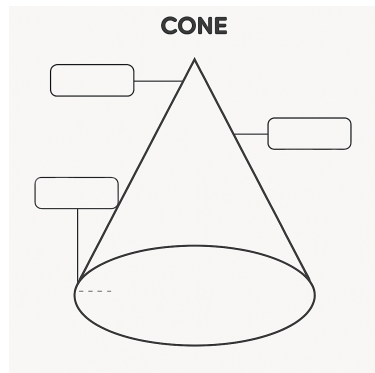


- Number of vertices: _____
- Number of edges: _____
- Number of faces: _____

6. Cylinder

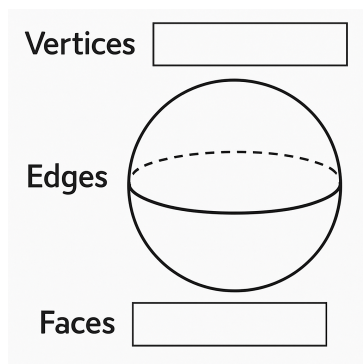


- Number of vertices: _____
- Number of edges: _____
- Number of faces: _____



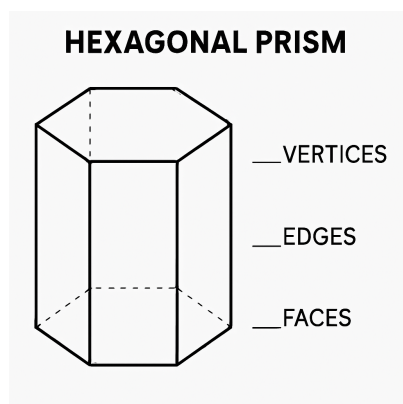
- Number of vertices: _____
- Number of edges: _____
- Number of faces: _____

8. Sphere



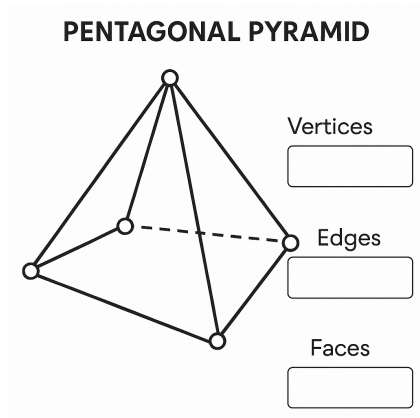
- Number of vertices: _____
- Number of edges: _____
- Number of faces: _____

9. Hexagonal Prism



- Number of vertices: _____
- Number of edges: _____
- Number of faces: _____

10. Pentagonal Pyramid



- Number of vertices: _____
 - Number of edges: _____
 - Number of faces: _____
-

Answer Key

- Vertices: 8

- Edges: 12

- Faces: 6

2. Rectangular Prism

- Vertices: 8

- Edges: 12

- Faces: 6

3. Triangular Prism

- Vertices: 6

- Edges: 9

- Faces: 5

4. Square-based Pyramid

- Vertices: 5

- Edges: 8

- Faces: 5

5. Triangular-based Pyramid (Tetrahedron)

- Vertices: 4

- Edges: 6

- Faces: 4

6. Cylinder

- Vertices: 0

- Edges: 2 (curved)

- Faces: 3 (2 flat, 1 curved)

7. Cone

- Vertices: 1

- Edges: 1 (curved)

- Faces: 2 (1 flat, 1 curved)

8. **Sphere**

- Vertices: 0
- Edges: 0
- Faces: 1 (curved)

9. **Hexagonal Prism**

- Vertices: 12
- Edges: 18
- Faces: 8

10. **Pentagonal Pyramid**

- Vertices: 6
- Edges: 10
- Faces: 6