

3D Shape Builders

Let's build with 3D shapes! Identify them and their parts.

Part 1: Identify the Shape

1. I have 6 square faces. What am I? _____
2. I have a circular base and come to a point. What am I?

3. I am perfectly round like a ball. What am I? _____
4. I have two circular faces and one curved surface. What am I?

5. I have a square base and four triangular faces. What am I?

Part 2: Faces, Edges, and Vertices

6. How many faces does a cube have? _____
7. How many edges does a rectangular prism have? _____
8. How many vertices does a square pyramid have? _____

9. How many faces does a cylinder have? _____

10. Does a sphere have any edges? _____

Part 3: Building Puzzles

11. What 2D shape is the face of a cube? _____

12. What 2D shapes do you need to build a square pyramid?

13. An object shaped like a can of soup is a _____.

14. How many vertices does a cone have? _____

15. A shoebox is an example of what 3D shape? _____

Answer Key

1. Cube | 2. Cone | 3. Sphere | 4. Cylinder | 5. Square Pyramid | 6. 6 | 7. 12 | 8. 5 | 9. 3 (2 flat, 1 curved) | 10. No | 11. Square | 12. 1 square and 4 triangles | 13. Cylinder | 14. 1 | 15. Rectangular Prism