Name : _____ Date : _____

**PAPILUMO / 2nd Grade (ages 7–8)**

# 3D Solid Shapes

Match each 3D solid on the left to its real-world object on the right, then write the number of flat faces in the table.



**Balthazar the hedgehog is sorting 3D treasures in his workshop: help him match every solid shape and count its flat faces!**

**Example: a cube has 6 flat square faces.**

 → **Cube -> 6 flat faces**

### 1. Draw a line from each 3D solid on the left to the matching real-world object on the right

| | |
|---|---|
|  **Cube** |  **Tin can** |
|  **Sphere** |  **Pyramid tent** |
|  **Cylinder** |  **Number die** |
|  **Cone** |  **Party hat** |
|  **Pyramid** |  **Soccer ball** |

### 2. Complete the solid-properties table: write the number of flat faces for each solid

| 3D Solid | Flat face shape | Number of flat faces |
|---|---|---|
|  **Cube** | Squares | |
|  **Square pyramid** | Square & triangles | |
|  **Cylinder** | Circles | |
|  **Cone** | Circle | |
|  **Sphere** | None (curved) | |

Balthazar's tip: dashed lines show the hidden back edges so you can picture the whole 3D solid and count every flat face!