

2D and 3D Shapes: math test solutions, Kindergarten – download the PDF

Test solutions with the detailed point scale. Add up your points and spot what to review.

Suggested time: 45 minutes. Out of 20 points. Calculator allowed only when the problem says so.

1 Name the flat shapes

/ 4 pts

Shape 1 is a **rectangle** (1 pt). Shape 2 is a **hexagon** (1 pt). Shape 3 is a **circle** (1 pt). Shape 4 is a **triangle** (1 pt).

2 Name the solids

/ 4 pts

- a. A drum is a **cylinder** (1 pt).
- b. An orange is a **sphere** (1 pt).
- c. A die-shaped block is a **cube** (1 pt).
- d. A traffic cone is a **cone** (1 pt).

3 Sides and corners

/ 4 pts

Triangle: **3** sides and **3** corners (1 pt). Square: **4** sides and **4** corners (1 pt). Hexagon: **6** sides and **6** corners (1 pt). Circle: **0** sides and **0** corners (1 pt).

4 Where is it?

/ 3 pts

- a. The cone B is lower than the cube A, so it is **below** the cube (1 pt).
- b. **Yes**, the sphere C is next to the cone B (1 pt).
- c. The **cube** A is above the cone B (1 pt).

5 Flat or solid?

/ 3 pts

- a. A ball is **solid** (1 pt).
- b. A triangle drawn on paper is **flat** (1 pt).
- c. A can of corn is **solid** (1 pt).

6 Build a shape

/ 2 pts

(a) Two squares side by side make a **rectangle** (1 pt). (b) The new shape has four sides, so it has **4 corners** (1 pt).



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