Sorting 2D shapes and 3D objects

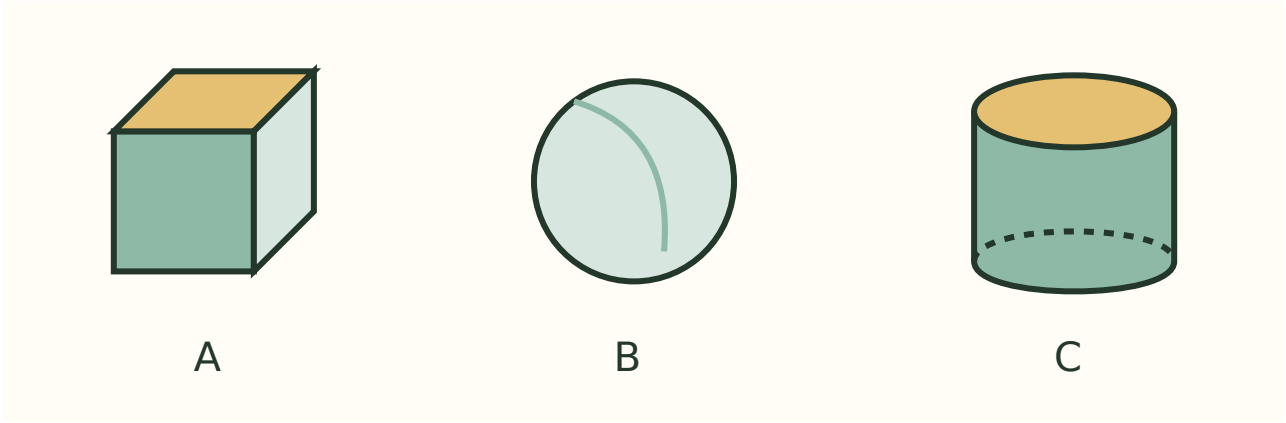
6 practice questions

1. Sort these words into flat shapes and solid objects: triangle, ball, square, cube.

Think about the named shape or object, not the printed words.

Answer: Flat: triangle, square. Solid: ball, cube.

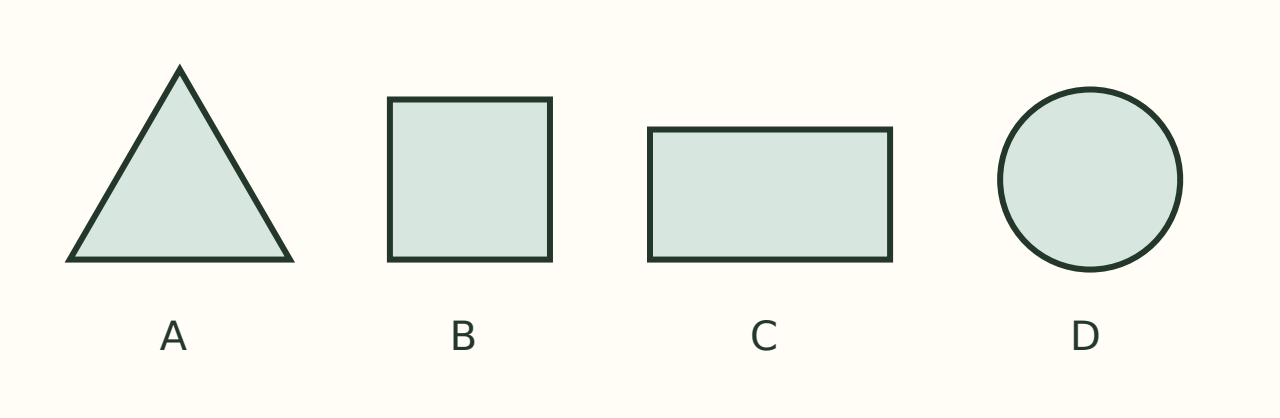
2. Which pictured object is a cube-shaped block?



A shows flat square faces.

Answer: A.

3. Which pictured flat shape has a curved boundary?



It is a circle.

Answer: D.

4. A child sorts a circle with triangles using the rule only straight sides. Does it belong?

The circle's boundary is curved.

Answer: No.

5. A can has flat round ends and a curved side. Must it be a ball?

A ball is curved all around; a can also has flat ends.

Answer: No.

6. Choose a fair sorting rule for a square, triangle and circle. Show your groups.

State one rule and apply it consistently.

Answer: Answers vary: for example, straight boundaries: square and triangle; curved boundary: circle.