Year 1 Maths: Shapes: Faces, Edges, Corners and Building Shapes

Name: _____ Date: _____

Have a go first, then check the answers with a grown-up.

Practice

1. How many faces does a cube have?

2. How many vertices does a sphere have?

3. Which one rolls: a cube or a cylinder?

4. A triangle is turned upside down. What shape is it now?

5. Two same squares are put side by side. What shape do they make?

Spot the mistake

6. What is wrong? "A square standing on its corner is not a square any more."

7. What is wrong? "A cylinder has corners."

8. What is wrong? "A cube has 6 corners."

9. What is wrong? "A circle and a sphere are the same."

Answer key (for parents and tutors)

1. How many faces does a cube have?
   6
2. How many vertices does a sphere have?
   0
3. Which one rolls: a cube or a cylinder?
   The cylinder
4. A triangle is turned upside down. What shape is it now?
   A triangle
5. Two same squares are put side by side. What shape do they make?
   A rectangle
6. What is wrong? "A square standing on its corner is not a square any more."
   It is still a square. Turning a shape does not change it.
7. What is wrong? "A cylinder has corners."
   A cylinder has 2 curved edges and no vertices.
8. What is wrong? "A cube has 6 corners."
   A cube has 6 faces and 8 vertices (corners).
9. What is wrong? "A circle and a sphere are the same."
   A circle is flat (2D). A sphere is a solid ball (3D).