larkit | **Polygons and solid shapes** Grade 2 · Shapes & Angles

Answer key The answers are filled in.

1 How are a circle and a sphere alike?

Check one:

- [x] **A sphere and a circle are both round, with no vertices.**
- [ ] **A sphere and a circle both have flat faces.**
- [ ] **A sphere is just a big circle. They are the same.**

2 Mia sets a party hat on paper and traces around its flat bottom. What shape does Mia draw?

Check one:

- [ ] **triangle**
- [ ] **sphere**
- [x] **circle**
- [ ] **cone**

3 Shape A is a pentagon. Shape B has 5 sides. Which shape has more vertices?

Check one:

- [ ] **Shape A**
- [ ] **Shape B**
- [x] **They have the same number**

4 Shape A is an octagon. Shape B has 6 sides. Which shape has more vertices?

Check one:

- [x] **Shape A**
- [ ] **Shape B**
- [ ] **They have the same number**

5 I have 4 angles and 4 straight sides. I am flat, not solid. None of my angles are square corners. What shape could I be?

Check one:

- [ ] **square**
- [x] **quadrilateral**
- [ ] **pentagon**
- [ ] **sphere**

6 I am a flat shape with 6 straight sides and 6 vertices. What shape could I be?

Check one:

- [ ] **cone**
- [x] **hexagon**
- [ ] **quadrilateral**
- [ ] **octagon**

Score: ____ / 6