larkit

Sort shapes by sides and angles

Grade 4 · Shapes & Angles

Answer key The answers are filled in.

1 Ben draws a quadrilateral with 4 sides that are all the same length. None of its angles is a right angle. Which shape does Ben draw?

Check one:

- ☐ rectangle
- ☐ square
- ☑ rhombus

2 Theo draws a triangle on grid paper. One of its angles opens wider than a square corner. What kind of triangle did Theo draw?

Check one:

- ☐ acute triangle
- ☐ right triangle
- ☑ obtuse triangle

3 Nico measures the angles of a triangle. They are 20°, 70° and 90°. What kind of triangle is it?

Check one:

- ☐ acute triangle
- ☑ right triangle
- ☐ obtuse triangle

4 A triangle has three acute angles. What kind of triangle is it?

Check one:

- ☑ acute triangle
- ☐ right triangle
- ☐ obtuse triangle

5 Eli has a square floor tile. Eli says it cannot be a rhombus because it has right angles. Is Eli right?

Check one:

- ☐ Yes. A rhombus must be slanted.
- ☑ No. It has 4 sides of the same length, so it is a rhombus.
- ☐ Yes. A shape with right angles cannot be a rhombus.

6 Ana and Leo sort shapes. Leo says a square is not a rhombus. Is Leo right?

Check one:

- ☐ Yes. A rhombus is slanted, and a square is not.
- ☑ No. A square has 4 sides of the same length, so it is a rhombus.
- ☐ Yes. A square has right angles, so it cannot be a rhombus.

Score: ____ / 6