larkit | Sort shapes by sides and angles

Grade 4 · Shapes & Angles

Name _____ Date _____

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.**

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