larkit

Sort shapes by sides and angles

Grade 4 · Shapes & Angles

Answer key The answers are filled in.

1 Omar has a square sticky note. Gia says the sticky note is shaped like a rhombus. Is Gia right?

Check one:

- [ ] No. A rhombus is slanted, and the sticky note is not.
- [x] Yes. It has 4 sides of the same length, so it is a rhombus.
- [ ] No. It has right angles, so it cannot be a rhombus.

2 Milo has a square coaster. Ida says the coaster is shaped like a rhombus. Is Ida right?

Check one:

- [ ] No. It has right angles, so it cannot be a rhombus.
- [x] Yes. It has 4 sides of the same length, so it is a rhombus.
- [ ] No. A rhombus is slanted, and the coaster is not.

3 Mia and Nia sort shapes. Nia says every square is also a rhombus. Is Nia right?

Check one:

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

4 Ben draws a quadrilateral with 4 equal sides. It has no right angles. Which shape does Ben draw?

Check one: [ ] square [x] rhombus [ ] rectangle

5 Pia draws a triangle on grid paper. One of its angles fits a square corner exactly. What kind of triangle did Pia draw?

Check one: [ ] acute triangle [x] right triangle [ ] obtuse triangle

6 A triangle has angles of 90°, 20° and 70°. What kind of triangle is it?

Check one: [ ] acute triangle [x] right triangle [ ] obtuse triangle