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Shape families and triangles

Grade 5 · Shapes & Angles

Name _____ Date _____

1 Ana tries to draw a triangle with a right angle and an obtuse angle. Ana says it can be done. Is Ana right?

Check one:

- ☐ No. Those two angles together open wider than a straight line, so the sides cannot meet.
- ☐ Yes. A triangle can have any two kinds of angles.
- ☐ Yes, if the triangle is big enough.

2 A triangle has sides of 10 inches, 14 inches and 10 inches. What kind of triangle is it?

Check one:

- ☐ equilateral
- ☐ isosceles
- ☐ scalene

3 Isla describes a shape to Cora. It is a quadrilateral with 2 pairs of parallel sides, no right angles, and 2 sides longer than the other 2. What is the shape's most specific name?

Check one:

- ☐ rhombus
- ☐ rectangle
- ☐ parallelogram
- ☐ quadrilateral

4 A triangle has sides of 4 cm, 6 cm and 9 cm. It has one obtuse angle. Which name fits this triangle?

Check one:

- ☐ obtuse isosceles triangle
- ☐ right scalene triangle
- ☐ acute scalene triangle
- ☐ obtuse scalene triangle

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