



# Classify Triangles

**TAKS Objective 3**  
**TEKS 4.8C**

Solve.

1. Martin drew a triangle with two sides of length 5 cm. One of the angles measured  $90^\circ$ . What type of triangle did Martin draw?

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3. Mrs. Peterson made a triangular garden. All three sides measured 4 feet. What type of triangle is Mrs. Peterson's garden?

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5. Can a triangle be an obtuse triangle and an equilateral triangle? Explain. Draw a picture to show your answer.

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2. Jeffrey drew a triangle that had sides that measured 3 cm, 4 cm, and 7 cm. One of the angles measured  $135^\circ$ . What type of triangle did Jeffrey draw?

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4. A triangle has one angle that measures  $40^\circ$ , one angle that measures  $80^\circ$ , and one angle that measures  $60^\circ$ . None of the sides has the same measure. What type of triangle is it?

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6. Can a triangle be an acute triangle and an equilateral triangle? Explain. Draw a picture to show your answer.

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