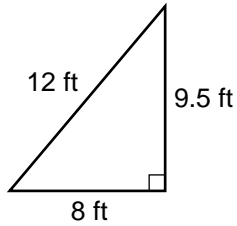


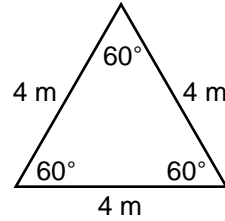
Classifying Triangles

Classify each triangle by its sides and then by its angles.

1.



2.



The measures of two angles of a triangle are given. Find the measure of the third angle.

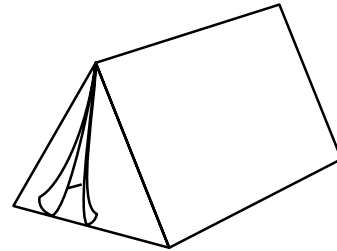
3. $47^\circ, 62^\circ, \underline{\hspace{2cm}}$

4. $29^\circ, 90^\circ, \underline{\hspace{2cm}}$

5. $75^\circ, 75^\circ, \underline{\hspace{2cm}}$

6. $54^\circ, 36^\circ, \underline{\hspace{2cm}}$

7. Judy bought a new tent for a camping trip. Look at the side of the tent with the opening to classify the triangle by its sides and its angles.



Test Prep

8. Which describes a scalene triangle?

A. 4 equal sides **B.** 3 equal sides **C.** 2 equal sides **D.** 0 equal sides

9. **Writing in Math** The lengths of two sides of a triangle are 15 in. each. The third side measures 10 in. What type of triangle is this? Explain your answer using geometric terms.
