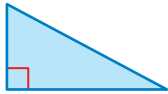
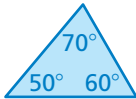
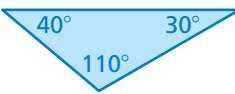


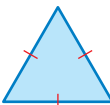
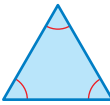


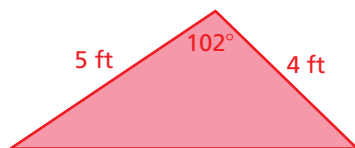
## Key Concept and Vocabulary

Triangle	Diagram
A <i>right triangle</i> has one right angle.	
An <i>acute triangle</i> has three acute angles.	
An <i>obtuse triangle</i> has one obtuse angle.	
A <i>scalene triangle</i> has no sides with the same length.	
An <i>isosceles triangle</i> has two sides with the same length.	
An <i>equilateral triangle</i> has three sides with the same length.	
An <i>equiangular triangle</i> has three angles with the same measure.	



### Skill Example

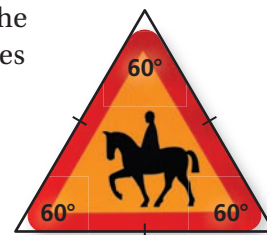
- The triangle has an obtuse angle and no sides with the same length. So, it is an obtuse scalene triangle.



### Application Example

- The sides of the sign are the same length and the angles are the same measure.

• The sign is an equiangular equilateral triangle.



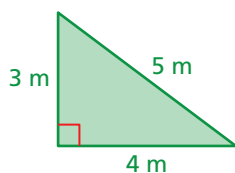
## PRACTICE MAKES PURR-FECT®



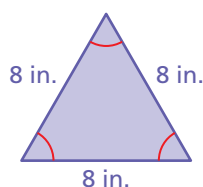
Check your answers at [BigIdeasMath.com](http://BigIdeasMath.com).

Classify the triangle by its angles and its sides.

3.



4.



5.

