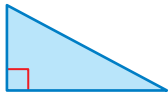
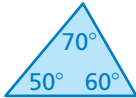
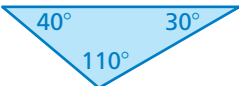


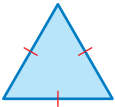
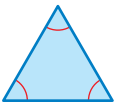


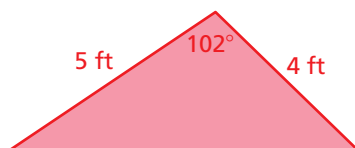
Key Concept and Vocabulary

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

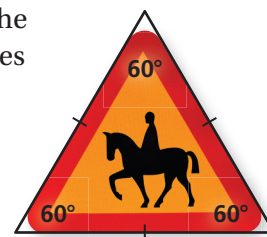
- The triangle has an obtuse angle and no sides with the same length. So, it is an obtuse scalene triangle.



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.

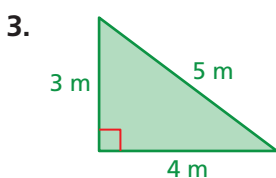


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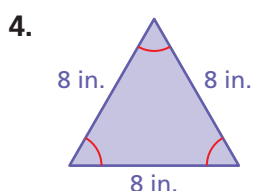


Check your answers at BigIdeasMath.com.

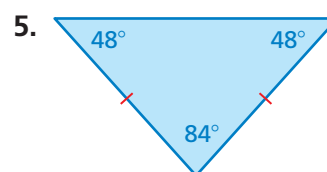
Classify the triangle by its angles and its sides.



right, scalene



equiangular, equilateral



acute, isosceles