

H Angles and Triangles



1. A. Draw an angle that is greater than 90° . Label the angle YTV.
Explain how you know it is larger than 90° .

B. Draw an angle that is less than 45° . Label the angle RGM.
Show or tell how you know the angle is less than 45° .

2. Triangle ADK has two angles that are 40° .
What is the measure of the third angle?
Show how you decided.

The sum of the interior angles in a triangle equals 180° .

3. Can a triangle have two 70° angles and one that measures 50° ? How do you know?



4. One angle in Triangle QFP is a right angle. A second angle is 27° . What is the measure of the third angle? Show or tell how you decided.

5. One angle in a triangle measures 32° . Another angle is twice as large. What is the measure of the third angle? How do you know?