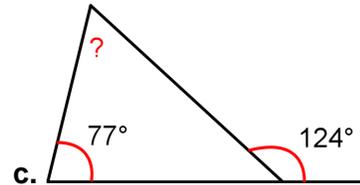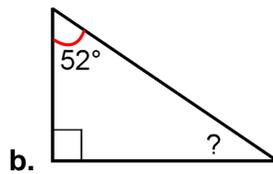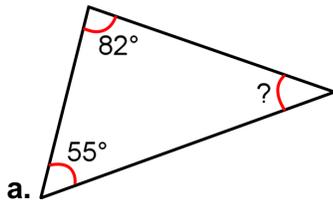# Angles in a Triangle 2

1. Calculate the angle marked with the question mark. Do not measure -- the pictures are not exact.

a.

b.

c.

2. Draw a triangle where all three angles have the same measure. What is that measure?

3. Try to draw a triangle that has two right angles. Can you do it? Why or why not?

4. Can you draw a triangle that has two obtuse angles? Why or why not?
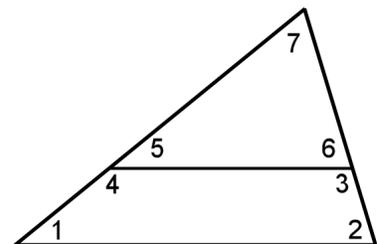
5. Draw a triangle where one angle is 50° and the other two angles have the same measure.

6. Measure the angles 5 and 6.

   How can you calculate the measure of the angle 7?

   How can you calculate angles 4 and 3?

   How can you know angles 1 and 2?

7. Calculate the angle marked with ?.