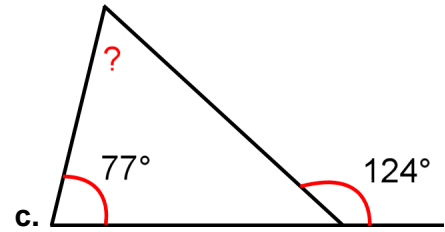
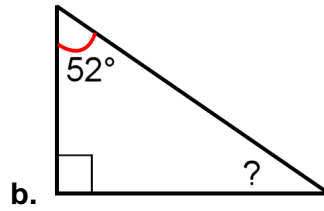
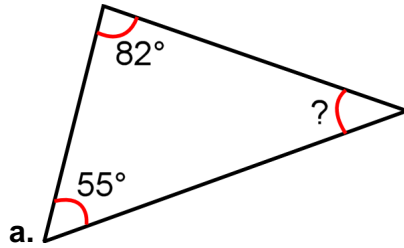


## Angles in a Triangle 2

1. Calculate the angle marked with the question mark. Note: do not measure since the pictures are not exact. What principles should you use?



2. Draw a triangle whose 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 not?

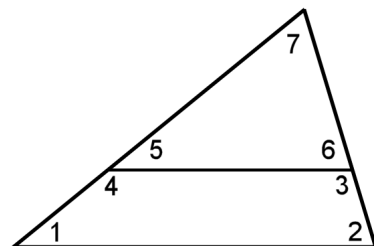
5. Draw a triangle where one angle is  $50^\circ$  and the two other angles have the same measure.

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 ?.

