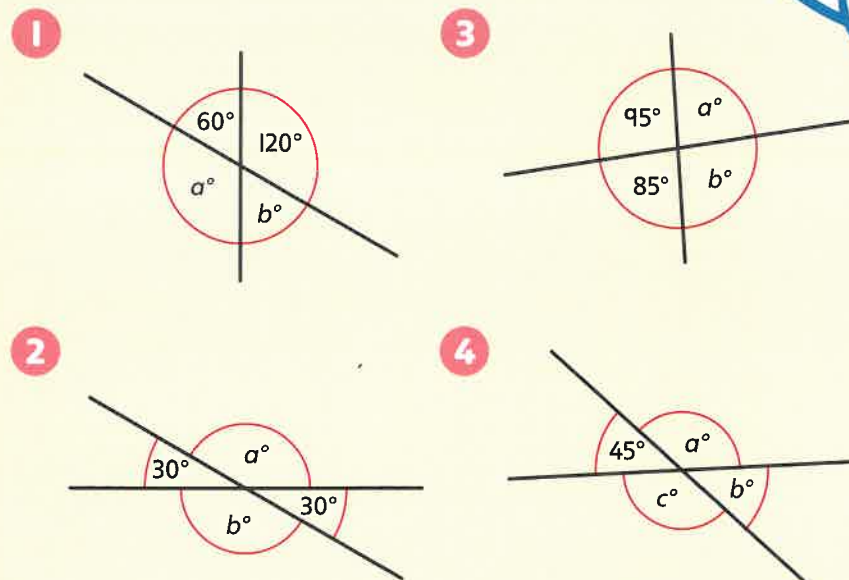


Calculating angles

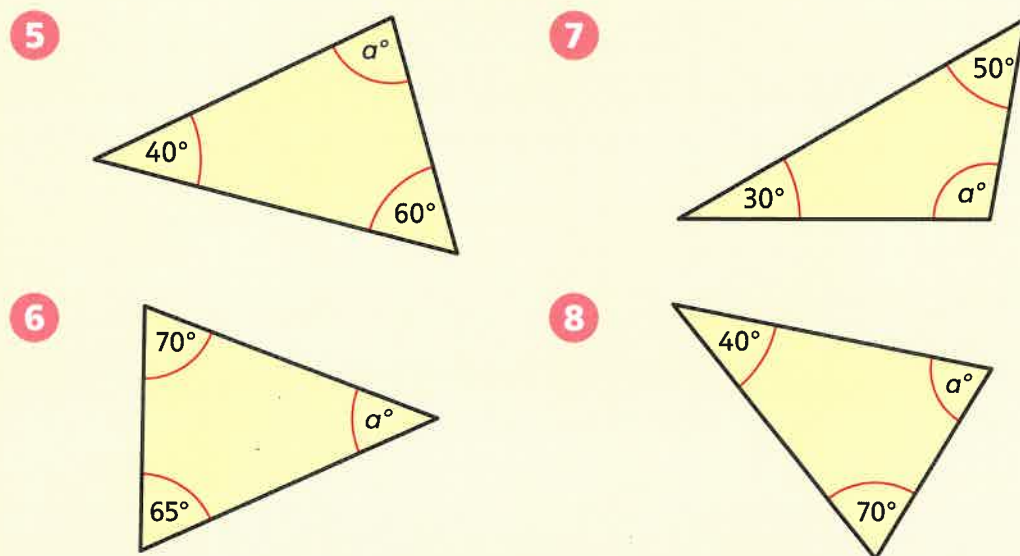
Work out the missing angles.



Remember angles on a line add to 180° and opposite angles are equal.



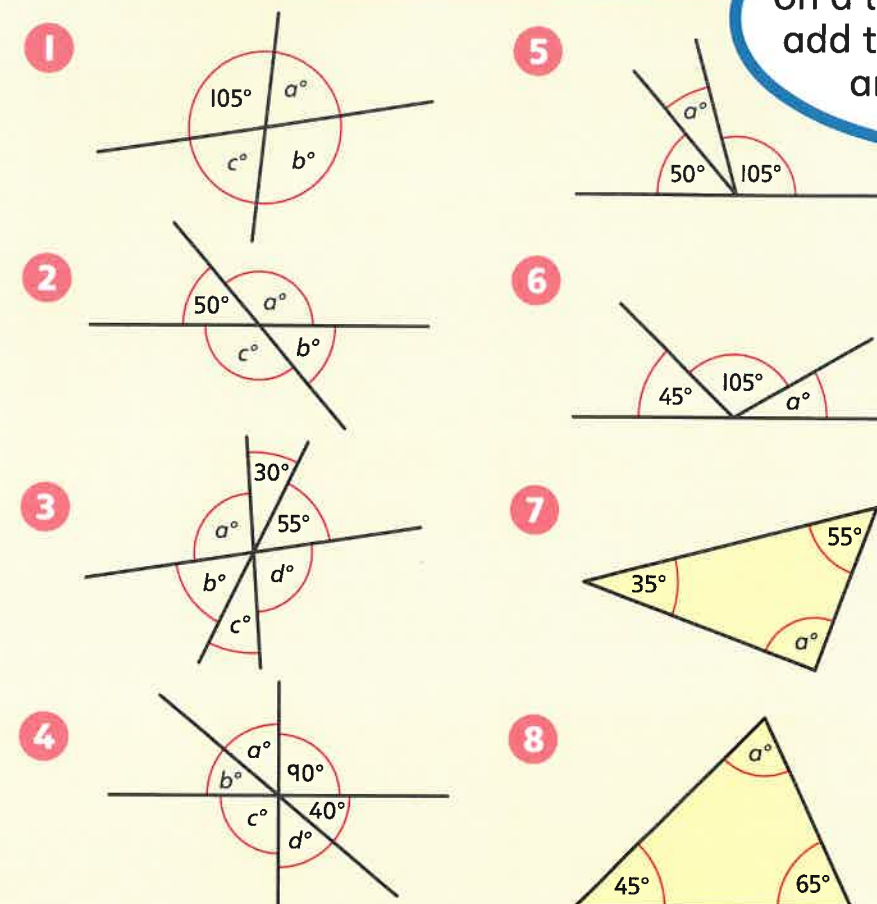
Work out the missing angles in these triangles.



There are three angles on a straight line. The first is 120° . The second is 10° less than the third angle. What size are these two angles?

I am confident with working out missing angles on straight lines and in triangles.

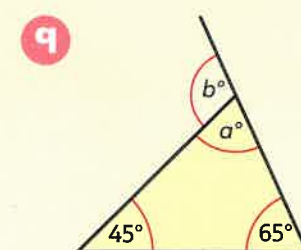
Work out the missing angles in each question.



Remember angles on a line and in a triangle add to 180° and opposite angles are equal.

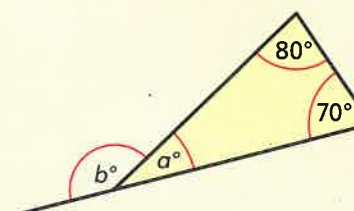


Complete the challenge.



Add the two angles given. Write their total. Use this to find missing angle a . Use angle a to find missing angle b . Compare the size of angle b with the total you got when you added the two given angles.

Repeat this for the second triangle.



Now draw a triangle of your own and see if this works. You will need to use a protractor to measure the angles.

I am confident with working out missing angles on straight lines and in triangles.