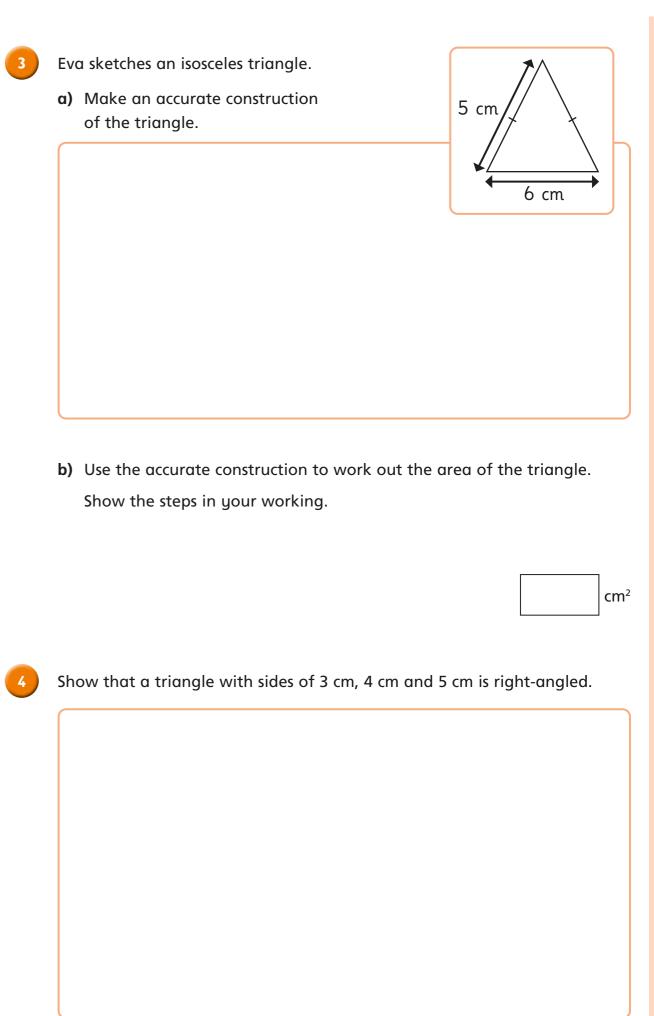
White Rose Maths

Construct triangles using SSS

Discuss you	r method with a partner.	
	r method with a partner. did you draw first?	
Which side	did you draw first?	
Which side		
Which side	did you draw first?	
Which side	did you draw first?	
Which side	did you draw first?	
Which side	did you draw first?	
Which side	did you draw first?	





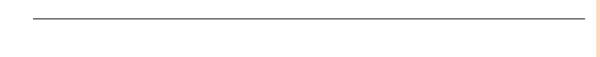
You cannot construct a triangle with sides 8 cm, 4 cm and 3 cm.



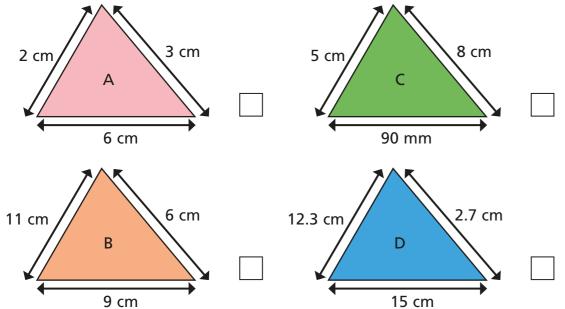
a) Using a ruler and a pair of compasses, show that Jack is correct.



b) Explain why it is not possible to draw this triangle.



c) Tick the triangles with measurements that are not possible.



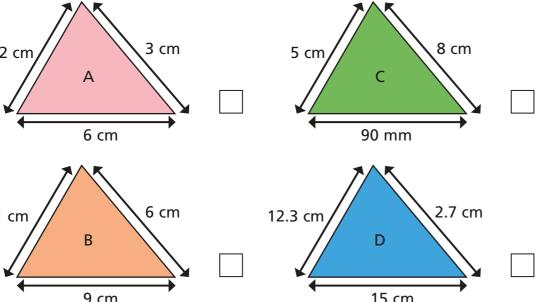
What is the size of the largest angle in a triangle with sides that measure 8 cm, 5.9 cm and 2.4 cm?





Construct a triangle that has a perimeter of 15 cm.





Compare answers with a partner.

How many different triangles can you find?



