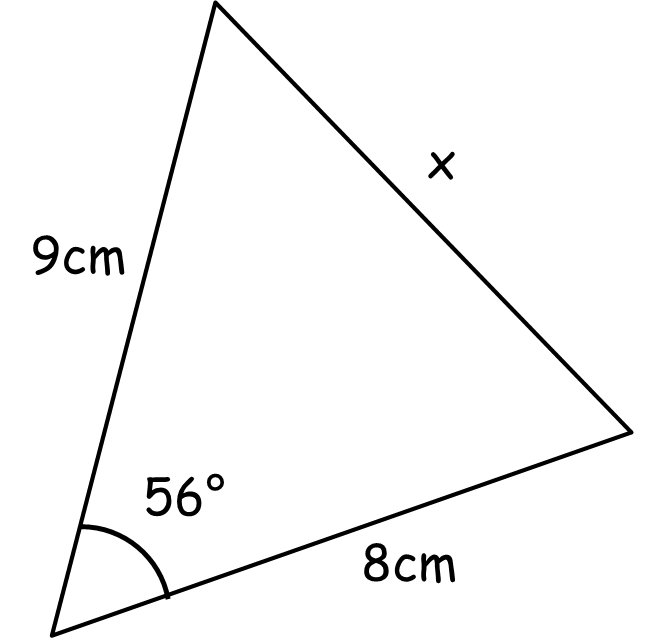
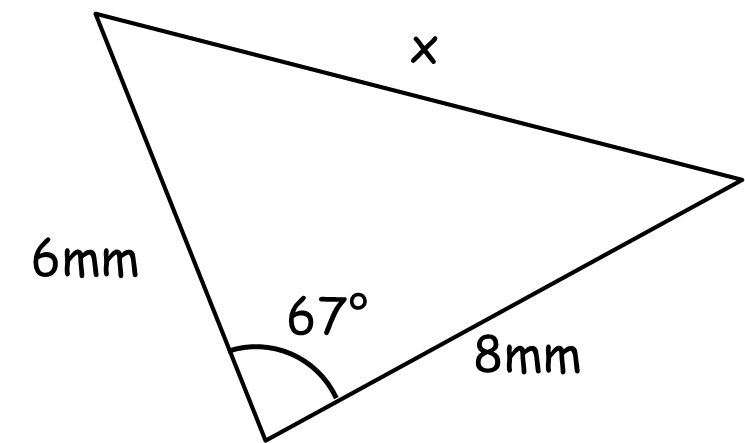
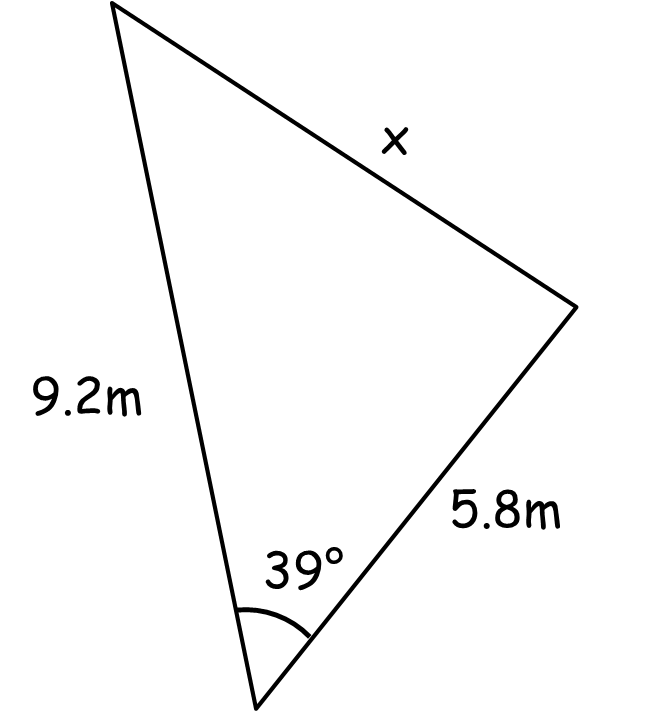
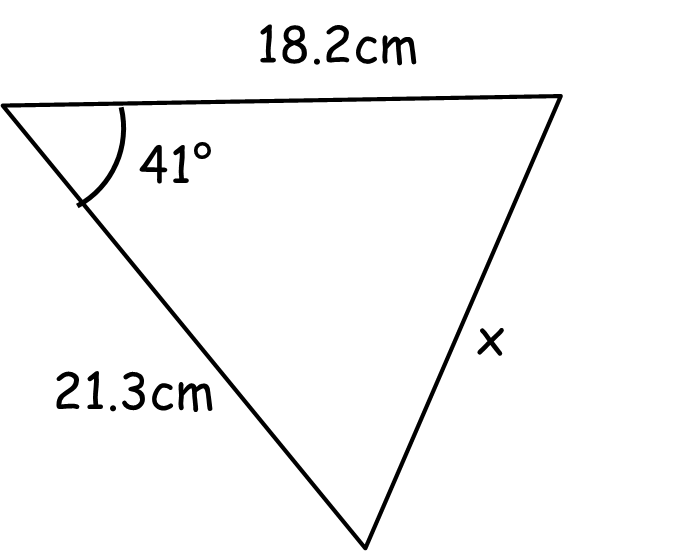
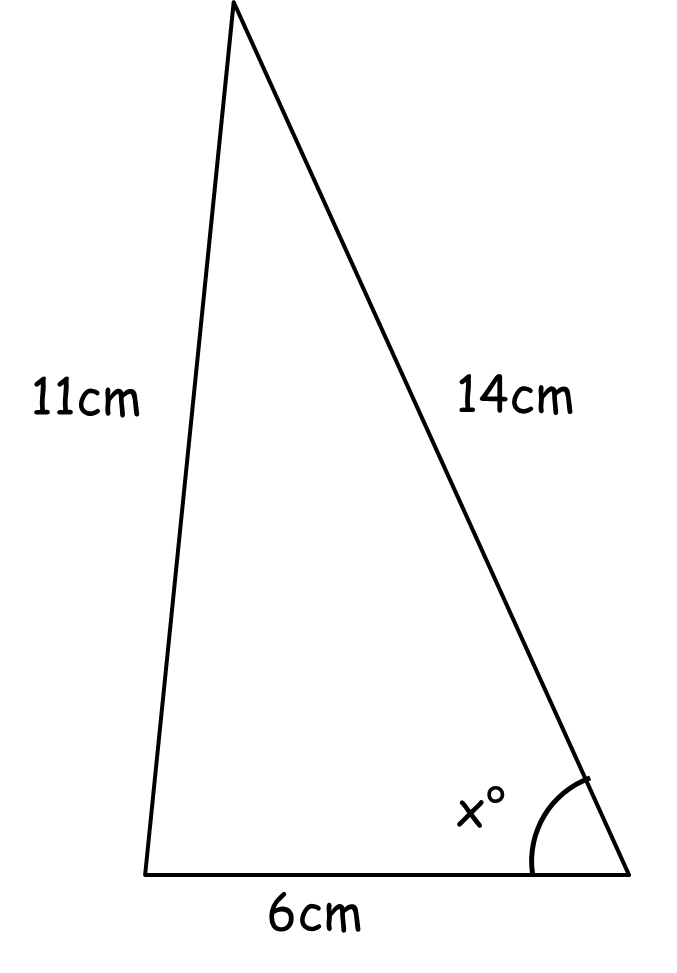
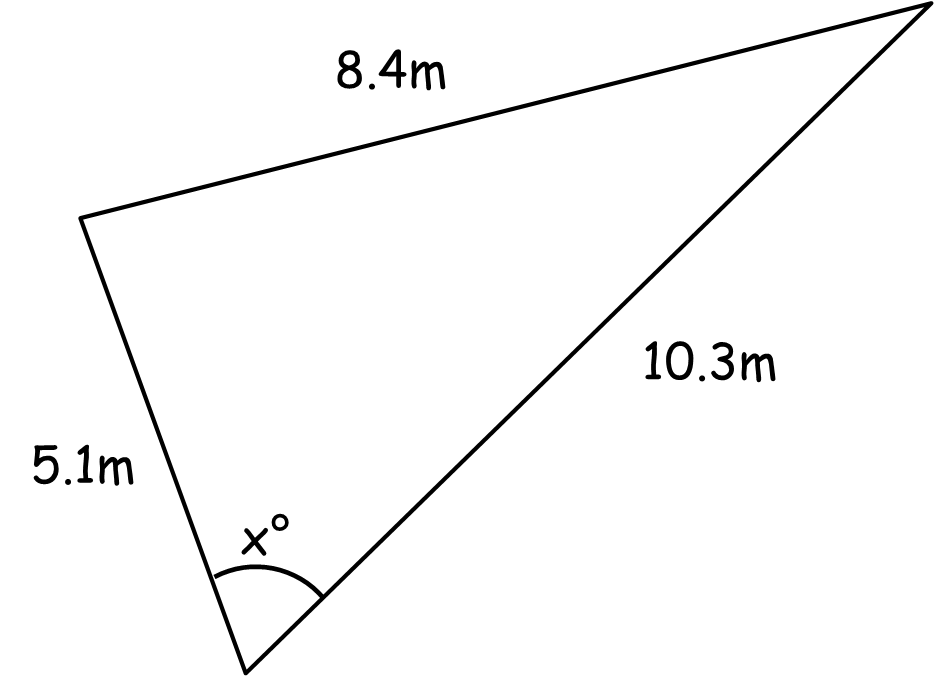
Cosine Rule GREEN

Use the cosine rule to find side x in each of the following triangles

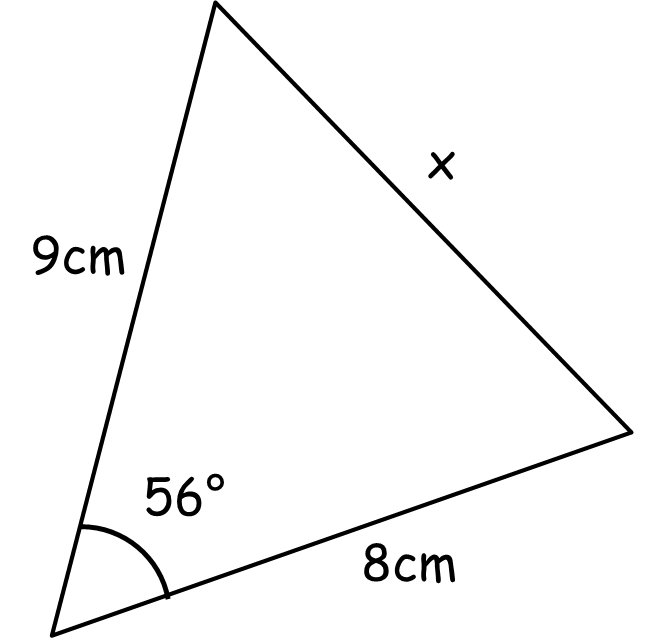
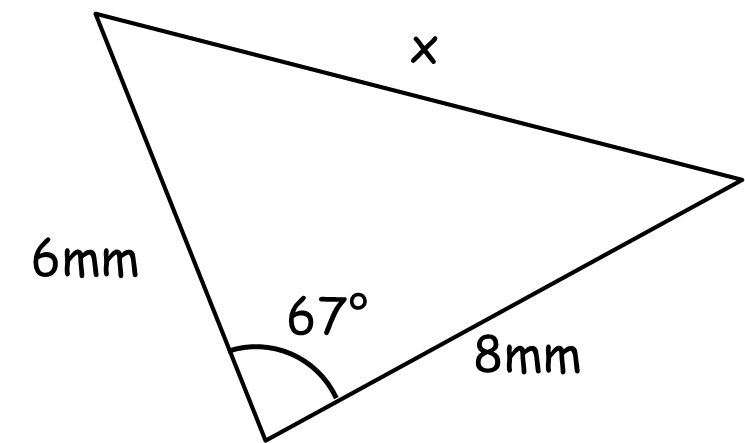
Use the cosine rule to find angle X in each of the following triangles

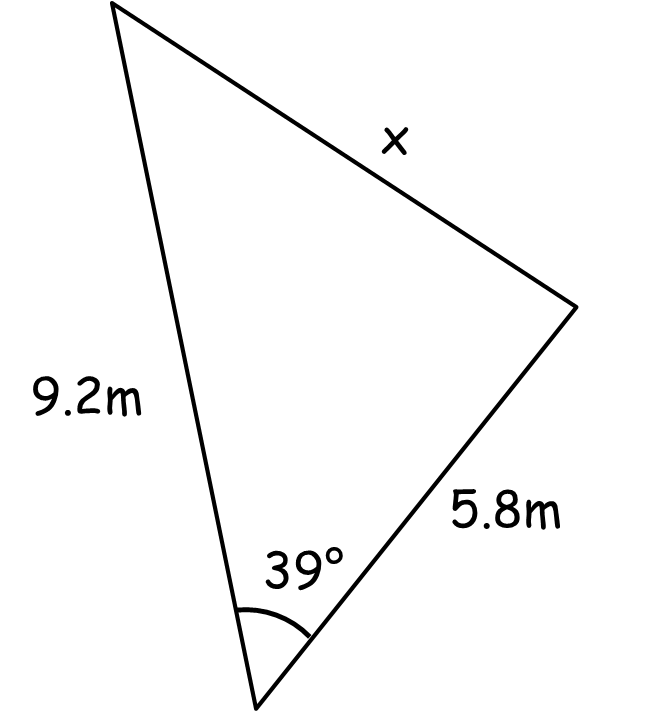
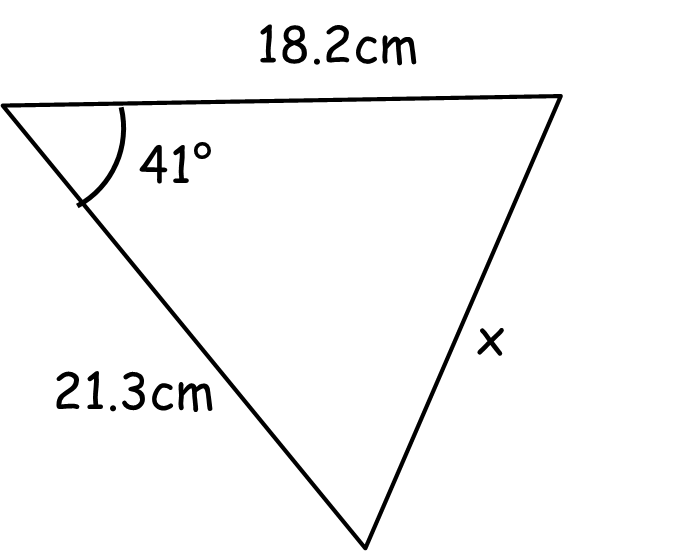
 

Cosine Rule AMBER

Use the cosine rule to find side x in each of the following triangles

a² = b² + c² - 2bc cosA

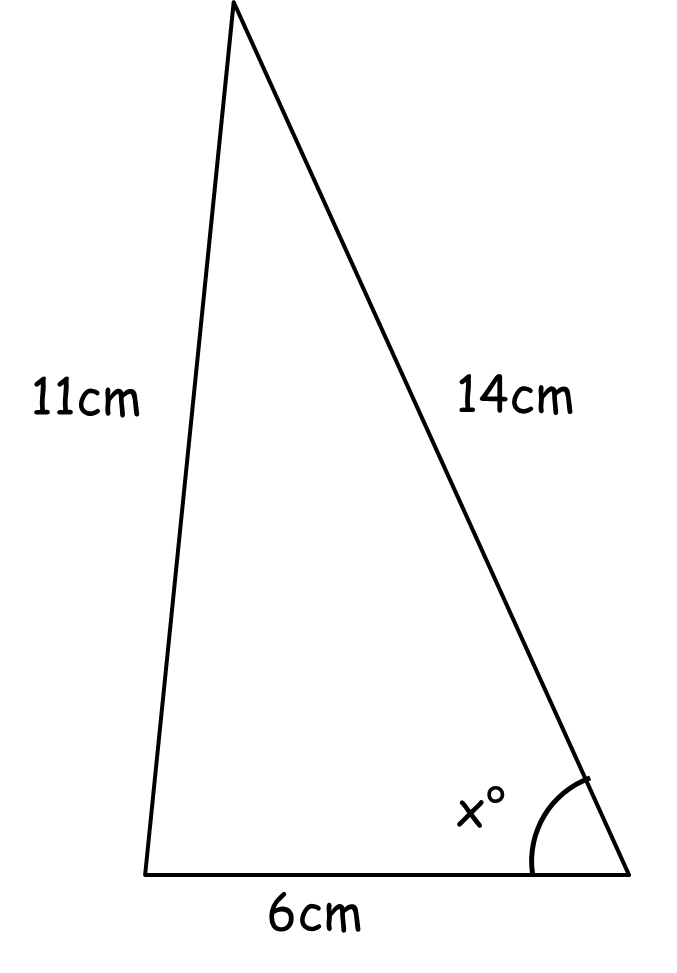
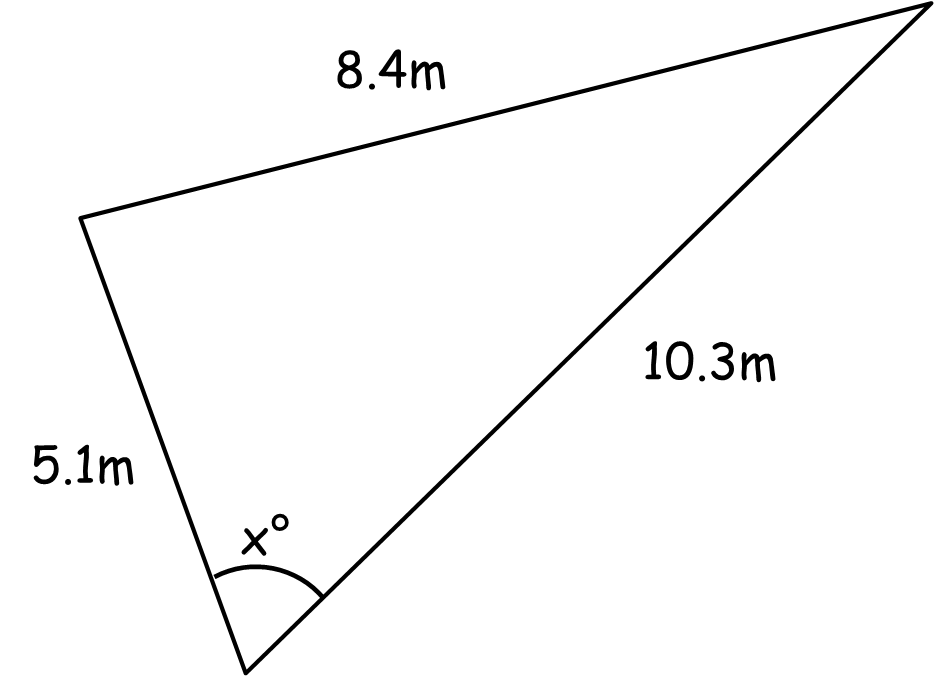
 

Use the cosine rule to find angle X in each of the following triangles

cosA = b² + c² - a²

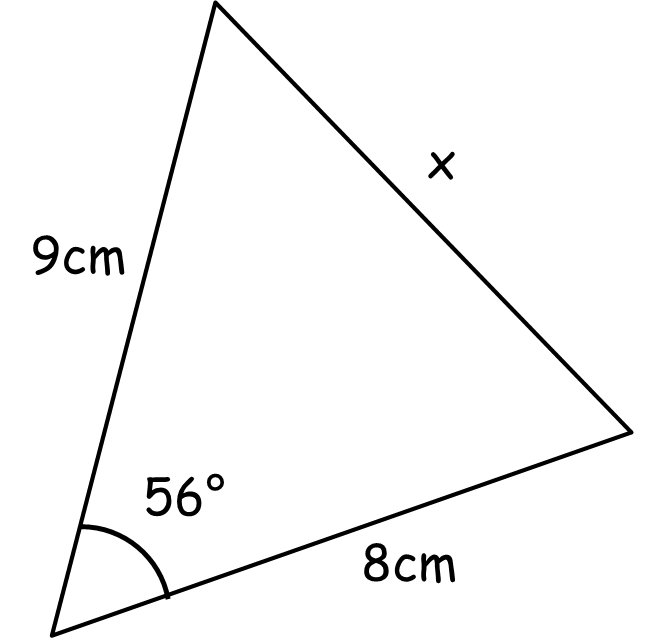
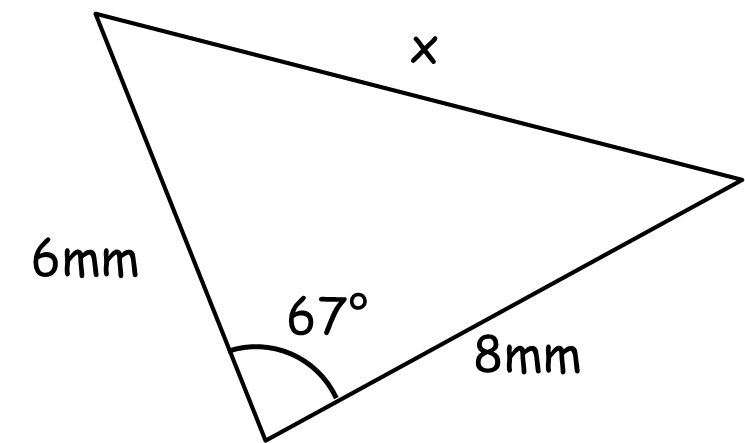
2bc

Cosine Rule RED

Use the cosine rule to find side x in each of the following triangles

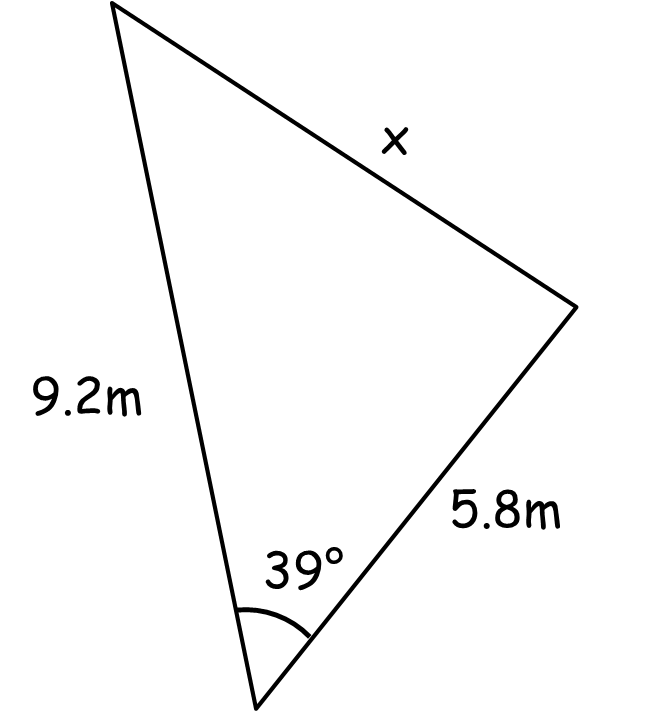
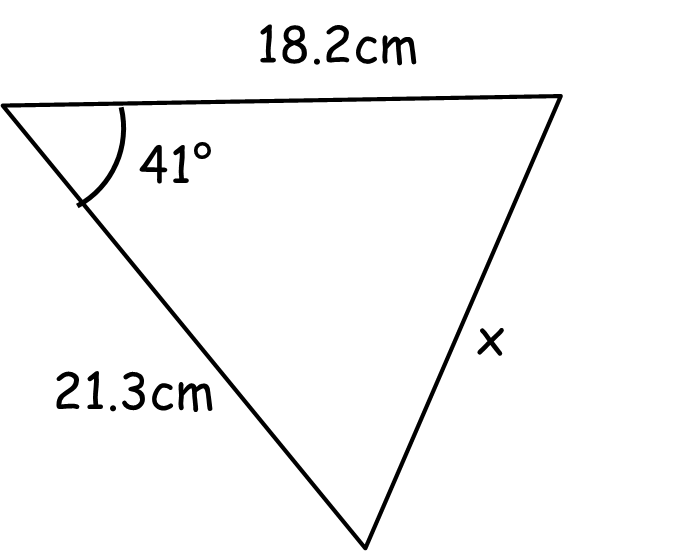
a² = b² + c² - 2bc cosA

x² = 9² + 8² - (2)(9)(8) cos56

= 81 + 64 – 144 cos56

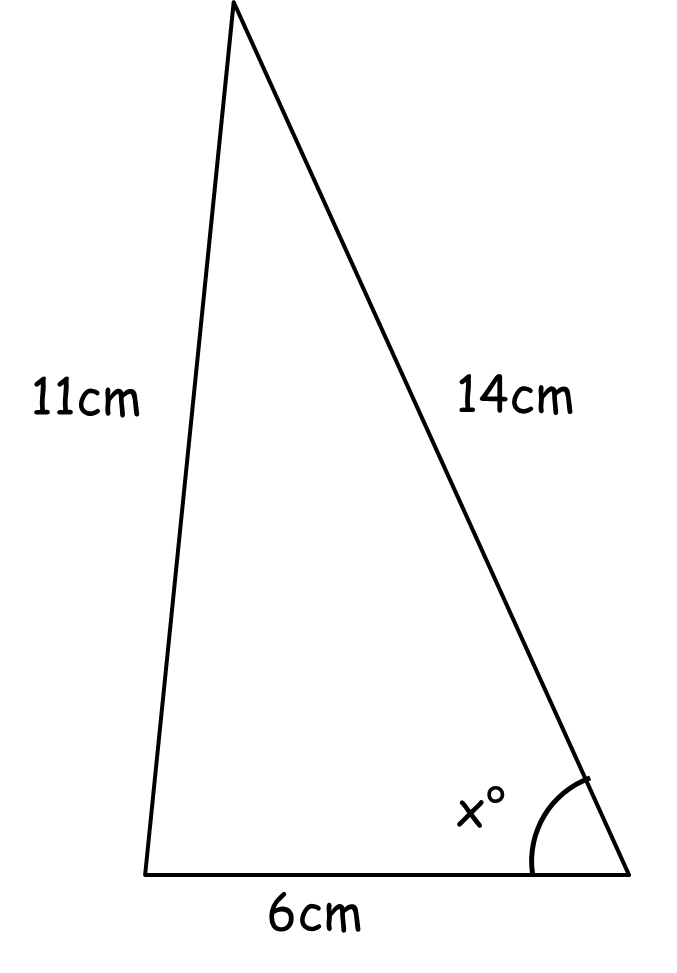
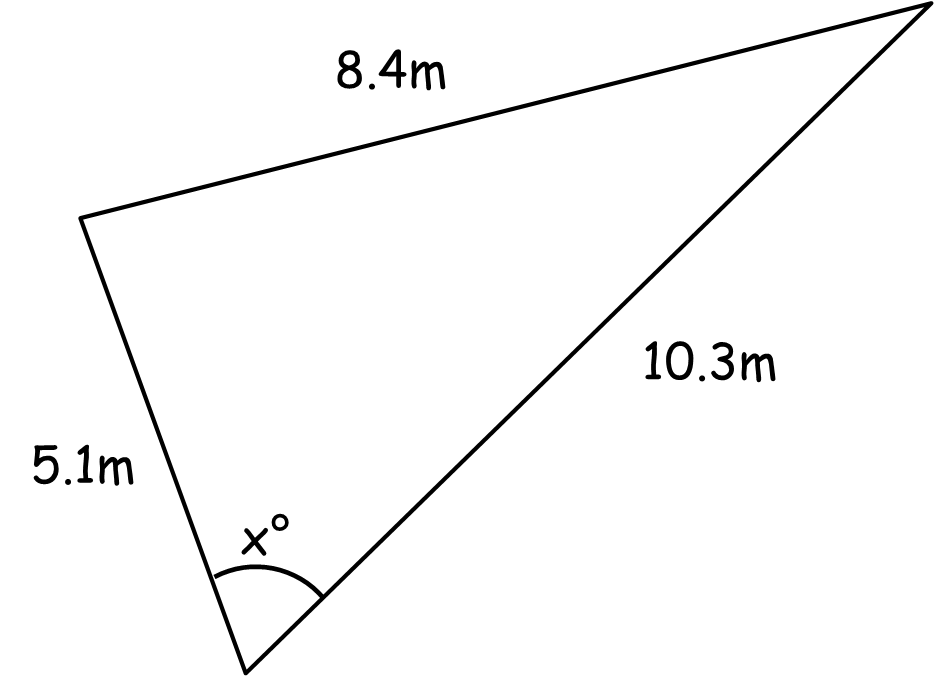
x =

Use the cosine rule to find angle X in each of the following triangles

cosA = b² + c² - a²

2bc

cosA = 6² + 14² - 11²

(2)(6)(14)

= 111

168

A = cos-1 () =