

Sine Rule – Missing Sides

140a



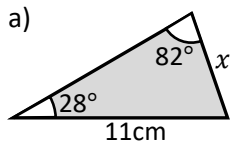
maths-school.co.uk

Name: _____

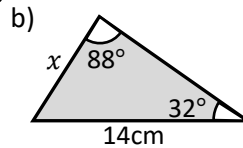


Calculate the value of x in these triangles (correct to 2 decimal places) :

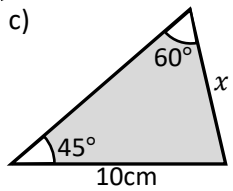
Diagrams not drawn to scale



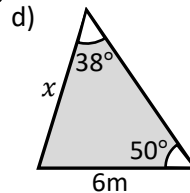
5.21cm



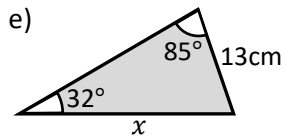
7.42cm



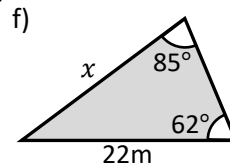
8.16cm



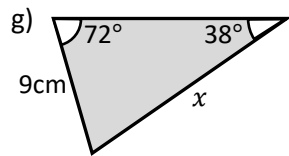
7.47m



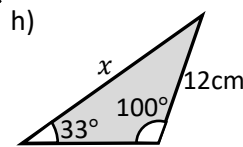
24.44cm



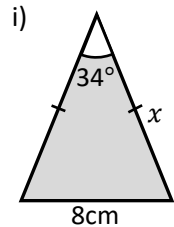
19.50m



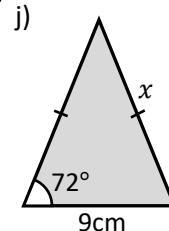
13.90cm



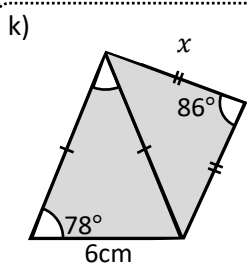
21.70cm



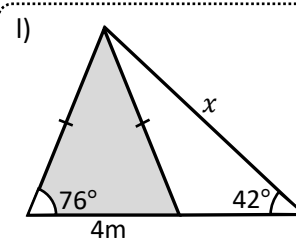
13.68cm



14.56cm



10.58cm

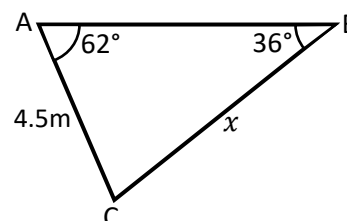


11.99m

Exam question:

Calculate the length of the side BC (x) in this triangle correct to 1 decimal place

6.8m



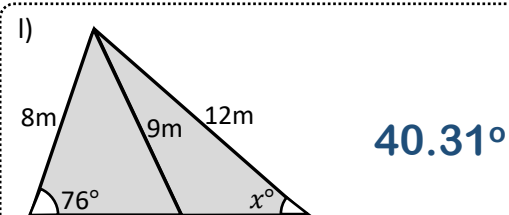
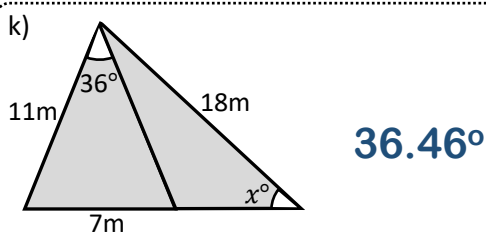
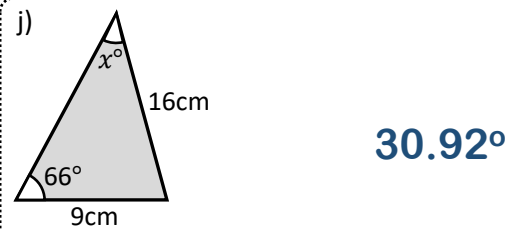
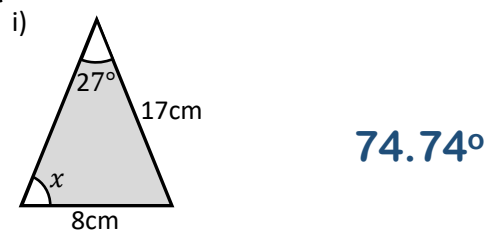
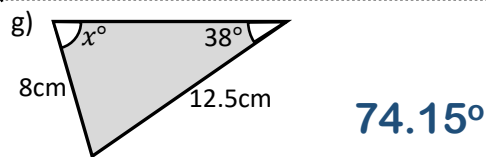
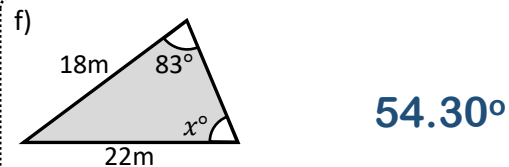
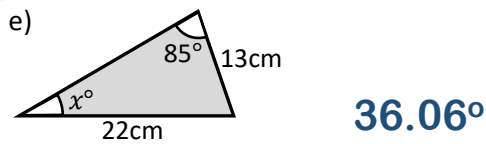
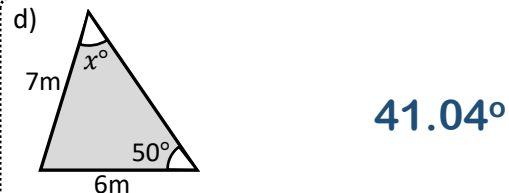
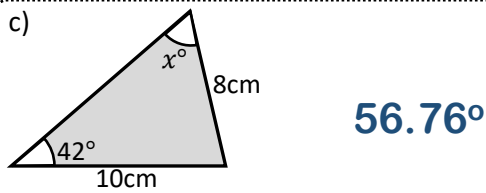
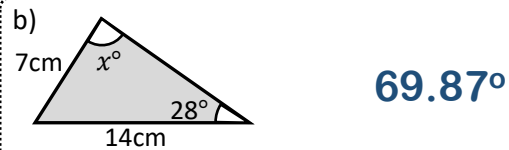
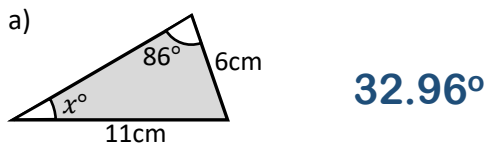


Name: _____



Calculate the value of x in these triangles (correct to 2 decimal places) :

Diagrams not drawn to scale



Exam question:

Calculate the size of angle CAB (x) in this triangle correct to 1 decimal place

51.6°

