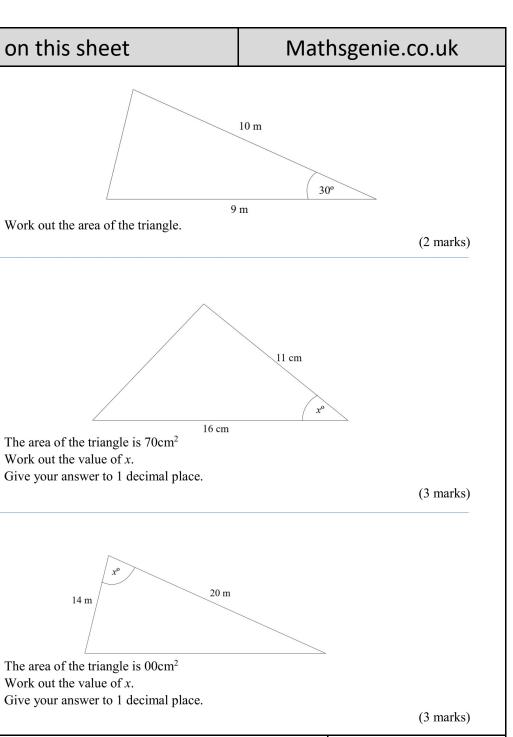
Mathsgenie.co.uk Please do not write on this sheet 1 120° 13 cm 12 cm Work out the area of the triangle. Give your answer to 1 decimal place. (2 marks) 5 5 m 41° 8 m Work out the area of the triangle. Give your answer to 3 significant figures. (2 marks) 3 6 100° 15 cm 16 cm Work out the area of the triangle. Give your answer to 3 significant figures. (2 marks)



Grade 7

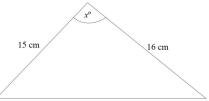
Area of Any Triangle

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7



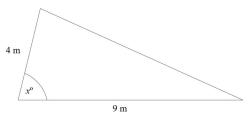
The area of the triangle is 105cm²

Work out the value of *x*.

Give your answer to 1 decimal place.

(4 marks)

8



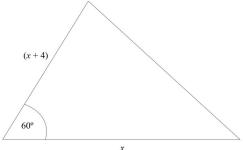
The area of the triangle is 15m²

Work out the value of x.

Give your answer to 3 significant figures.

(4 marks)

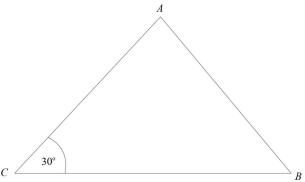
9



The area of the triangle is $15\sqrt{3}$ cm²

Work out the value of x.

10



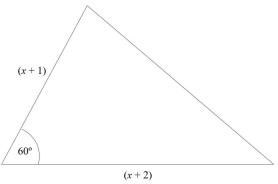
The ratio of the length BC to the length AC is 2:1

The area of the triangle is 50cm²

Work out the value of *x*.

(4 marks)

1



The area of the triangle is 25 cm².

Work out the value of x.

Give your answer to 3 significant figures.

(5 marks)

(4 marks)