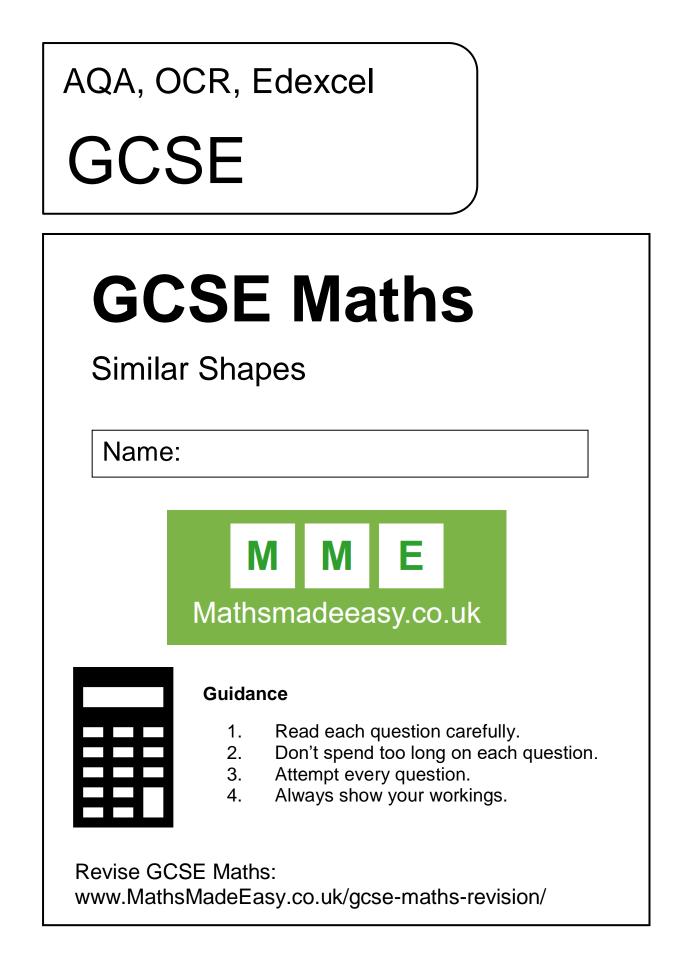
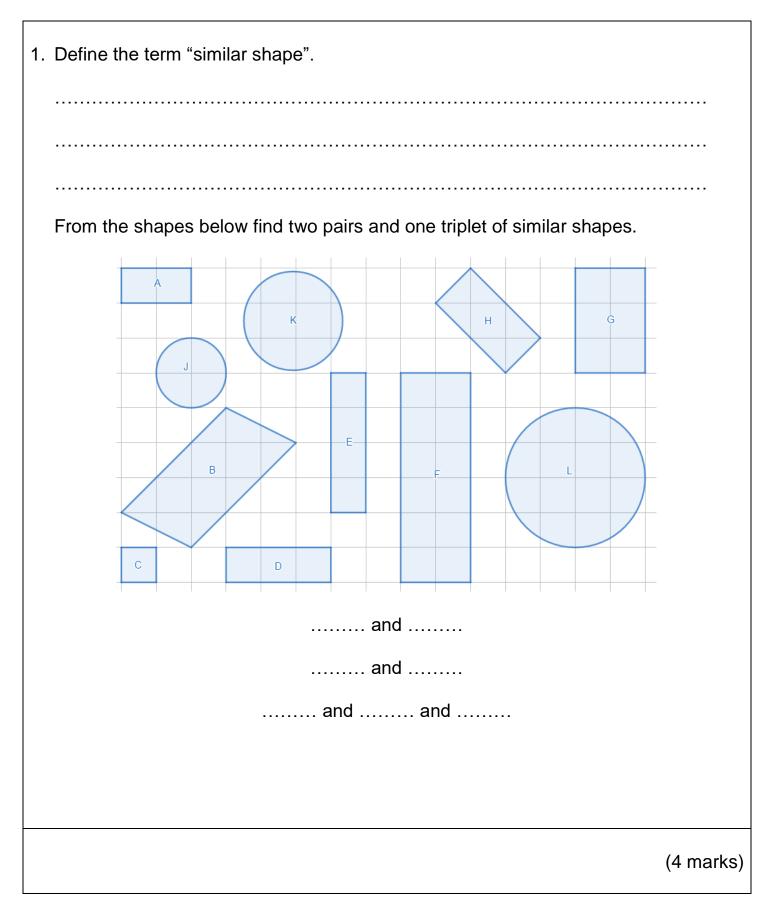
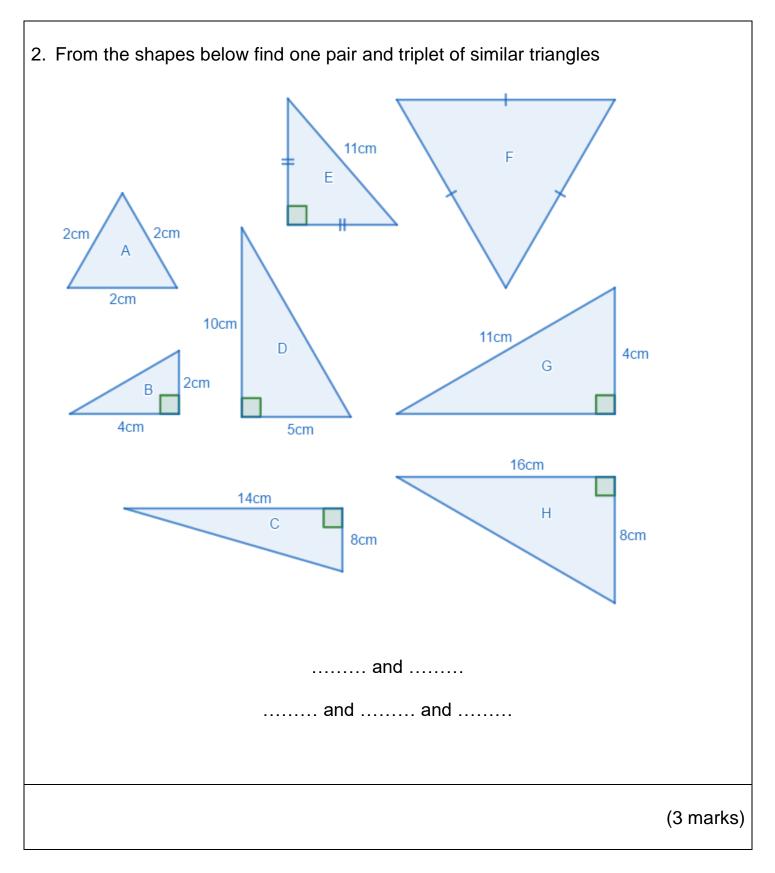
Visit <u>http://www.mathsmadeeasy.co.uk/</u> for more fantastic resources.

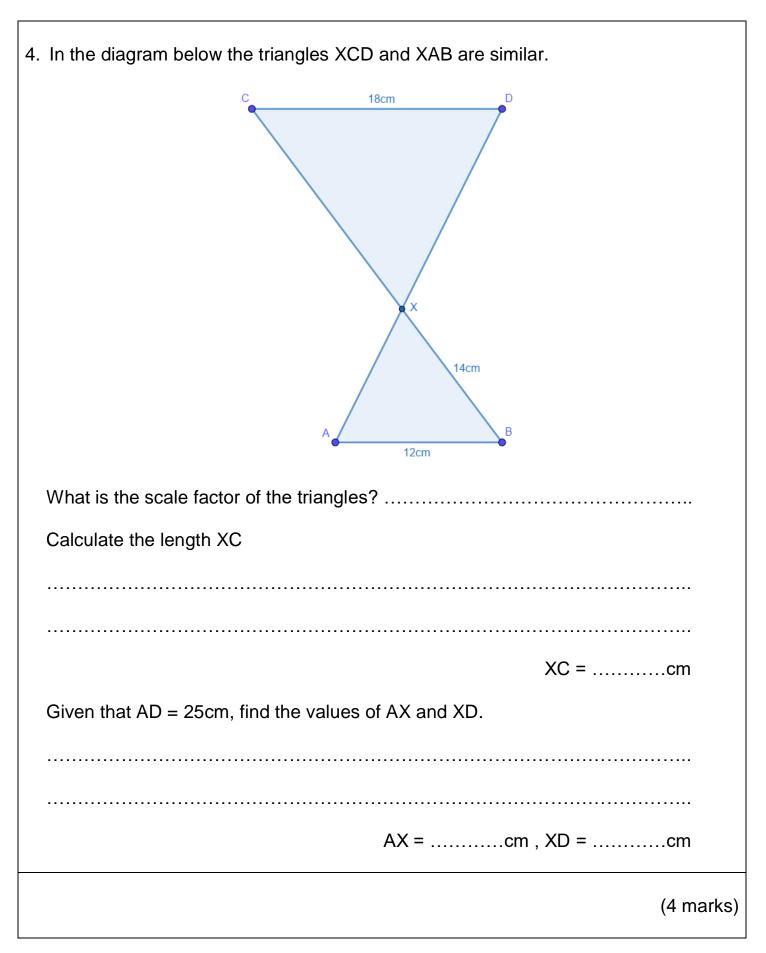


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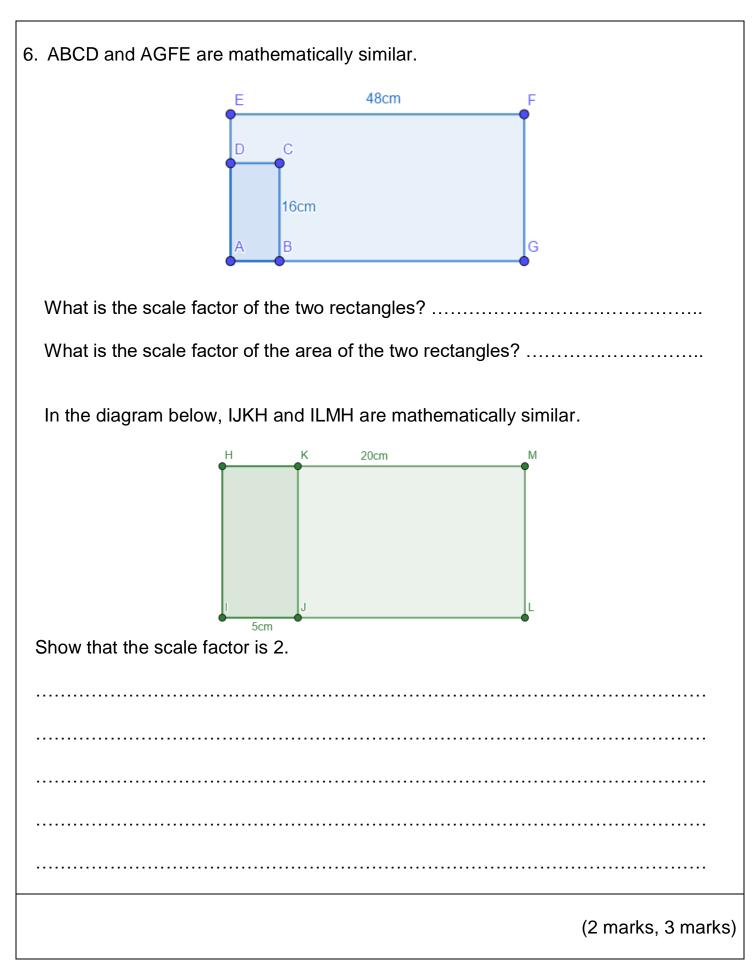




3.	The two triangles below are similar, where A relates to D, B relates to E, and C relates to F.
	H4cm A D D D D D D D D D D D D D D D D D D D
	What is the scale factor or the two triangles?
	Using the scale factor, calculate EF
	EF =cm
	Using the scale factor, calculate AC
	AC =cm
	(3 marks)



5.	Triangles BCA and BED are mathematically similar. Write down the scale factor.
	A 3 4.4 C C C E
	a) Scale factor =
	b) Use the scale factor to calculate both additional sides.
	(3 marks)



7. The solid below has had a portion of it removed. This section is mathematically similar to the original solid, but its length scale-factor is 0.5

What is the volume of the solid with this portion removed?	
Volume =	
(4 marks)