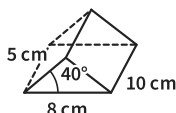
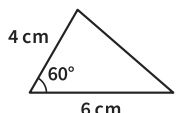
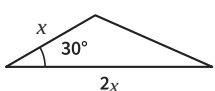
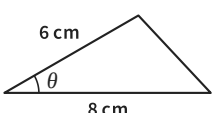
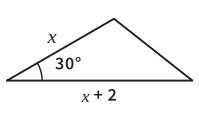
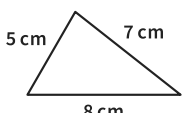
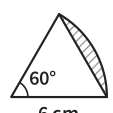
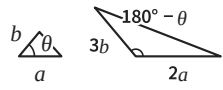
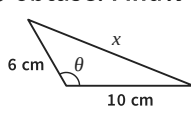


Area of a Triangle Using Sine *ramp up*

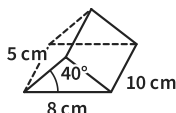
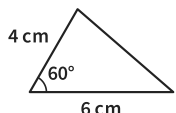
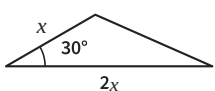
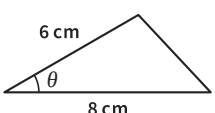
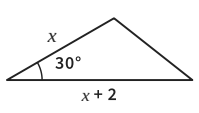
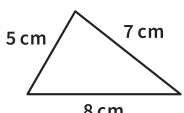
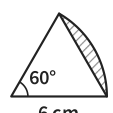
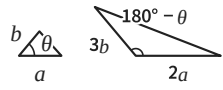
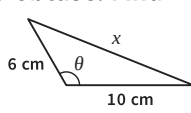


a A rhombus has sides of 7 cm and an angle of 65° . Find its area to 1 dp. 	b Find the volume to 1 dp 	c Find the exact area 	d Find the area in terms of x 
e An equilateral triangle has area $9\sqrt{3} \text{ cm}^2$. Find the length of its sides. 	f Area 12 cm^2 . Find both values of θ 	g The area is 6 cm^2 . Find x 	h Find the exact area 
i Find the exact shaded area 	j Find the ratio of the areas, left : right 	k A regular hexagon has sides of length s . Find its exact area in terms of s . 	l Area $15\sqrt{3} \text{ cm}^2$, θ obtuse. Find x 

The Maths Habit

Area of a Triangle Using Sine *ramp up*



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