
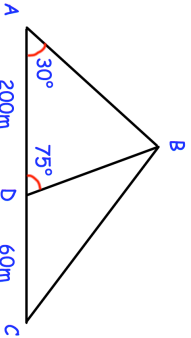


Name: \_\_\_\_\_

5-a-day


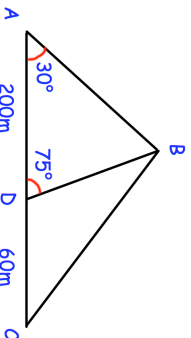
Higher Plus

<b>2nd April</b>		 Corbettmaths
<p>A gym runs many exercise classes.            Monday: 5 different classes            Tuesday: 6 different classes            Wednesday: 8 different classes            Thursday: 8 different classes            Friday: 10 different classes.</p>		
<p>Shea goes one exercise class on 4 different days.            How many different possible combinations are there?</p>		
<p>Find the length of BC</p>		
		
<p>Find the length of BD</p>		
<p>Find the size of angle CBD</p>		
<p>Liquid A has a density of <math>0.9\text{g/cm}^3</math>            Liquid B has a density of <math>1.4\text{g/cm}^3</math>            Liquid C has a density of <math>0.75\text{g/cm}^3</math></p>		
<p>200g of liquid A, 1kg of liquid B and 500g of liquid C are mixed to make liquid D.</p>		
<p>Work out the density of liquid D</p>		

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