

19th May		Corbettmaths
<p>The curve $y = x^2 + 3x - 10$ is reflected in the y-axis.</p> <p>Write down the equation of the reflected curve.</p>		
<p>The town Milton is 15 miles due East from the town Newtown.</p> <p>A helicopter is on a bearing of 150° from Newtown and a bearing of 240° from Milton.</p> <p>A helipad is 3 miles due South of Newtown.</p> <p>Work out the shortest distance from the helicopter to the helipad.</p>		
	<p>Sketch $y = f(x - 1)$</p>	
	<p>Prove that the angle in a semi-circle is always 90°</p>	

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