


25th June	
Write 73000 in standard form	 Corbettmaths
7.3×10^4	
<p>£400 is invested. The investment pays 10% every year.</p> <p>How much money will there be after 2 years?</p>	400×1.1^2 $= 484$
<p>Solve</p> $x^2 + 10x + 21 = 0$ $(x + 3)(x + 7) = 0$ $x = -3 \text{ or } x = -7$	
<p>A polygon has an interior angle that is five times larger than the exterior angle.</p> <p>How many sides does it have?</p>	$x + 5x = 180$ $6x = 180$ $x = 30$ $360 \div 30 = 12 \text{ sides}$
<p>Solve:</p> $\begin{array}{r} x + 3y = 11 \quad \times 7 \\ 4x - 7y = 6 \quad \times 3 \end{array}$ $7x + 21y = 77$ $12x - 21y = 18$	$19x = 95$ $x = 5$ $20 - 7y = 6$ $y = 2$ $x = 5 \text{ and } y = 2$