
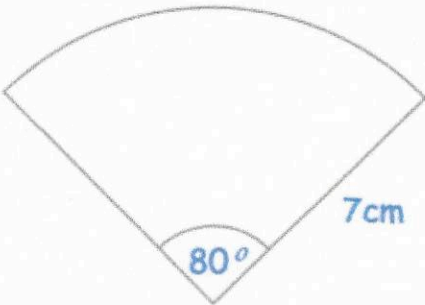


9th December	
<p>Write down all the integer values of x that satisfies $-2 \leq 2x < 6$</p> $-1 \leq x < 3$	<p style="text-align: right;"> Corbettmaths</p> $-1, 0, 1, 2$
<p>Work out</p> $(8 \times 10^5) \times (3 \times 10^4)$ <p>Give your answer in standard form</p>	24×10^9 $\underline{\underline{2.4 \times 10^{10}}}$
<p>Vanessa buys 6 bags of marshmallows at a total cost of £9. Each bag says that it contains 20 to 30 marshmallows.</p> <p>She says each marshmallow costs 5p</p>	<p>Explain how Vanessa has reached this conclusion.</p> $6 \times 30 = 180 \text{ marshmallows}$ $900 \div 180 = 5p \text{ each}$
<p>Work out the highest possible cost of each marshmallow</p> $6 \times 20 = 120 \text{ marshmallows}$ $900 \div 120 = 7.5p \text{ each}$	
 <p style="text-align: right;">$\frac{80}{360} = \frac{2}{9}$</p>	<p>Calculate the area of this sector.</p> $\frac{2}{9} \times \pi \times r^2$ $\frac{2}{9} \times \pi \times 7^2 = 34.2 \text{ cm}^2$