
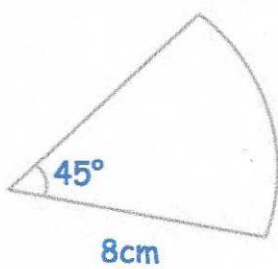


20th February	
<p>Expand and simplify</p> <p>$(y + 3)(y - 5)$</p> $y^2 - 5y + 3y - 15$	 <p>CorbettmOths</p> $y^2 - 2y - 15$
 <p>Find the area of the sector.</p>	$\frac{1}{8} (\pi \times 8^2)$ $= 25.1327 \text{ cm}^2$
<p>A camera is reduced in a sale by 12%. In the sale it costs £123.20</p> <p>Work out the normal price of the camera.</p>	$88\% = 123.20$ $1\% = 1.4$ $100\% = \underline{140}$
<p>The speed limit on a road is 50 mph. A car drives 19 miles in 22 minutes.</p> <p>Is the car breaking the speed limit? You must show your workings.</p>	$s = \frac{d}{t} = \frac{19}{0.36} = 51.818 \text{ mph}$ <p>yes it is breaking the speed limit.</p>
<p>Write as a fraction</p> 2^{-2} $\frac{1}{2^2} = \frac{1}{4}$	