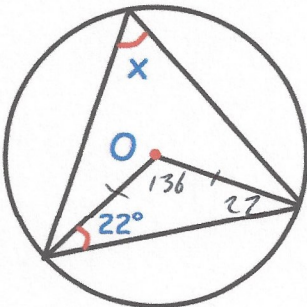


18th October	
<p>12 biscuits weigh 220g. There are 412 calories in 100g of biscuits. How many calories are in one biscuit?</p> <p> $200g = 82.4 \text{ calories}$ $20g = 8.24 \text{ calories}$ $220g = 906.4 \text{ calories}$ </p>	<p style="text-align: right;">Corbettmaths</p> <p style="text-align: center;">$906.4 \div 12 = 75.53 \text{ calories}$</p>
<p>Simplify fully</p> <p>$\sqrt{2}(\sqrt{2} - \sqrt{8})$</p> <p>$2 - \sqrt{16}$</p> <p>$2 - 4 = -2$</p>	
	<p style="text-align: center;">$136 \div 2 = 68^\circ$</p>
<p>Make y the subject</p> <p>$y + 3 = x(y + 2)$</p> <p>$y + 3 = xy + 2x$</p> <p>$y - xy = 2x - 3$</p>	<p>$y(1 - x) = 2x - 3$</p> <p>$y = \frac{2x - 3}{1 - x}$</p>
<p>A fair six sided dice is rolled three times.</p> <p>Find the probability of getting no sixes.</p> <p>$\frac{5}{6} \times \frac{5}{6} \times \frac{5}{6} =$</p>	<p style="text-align: center;">$\frac{125}{216}$</p>