

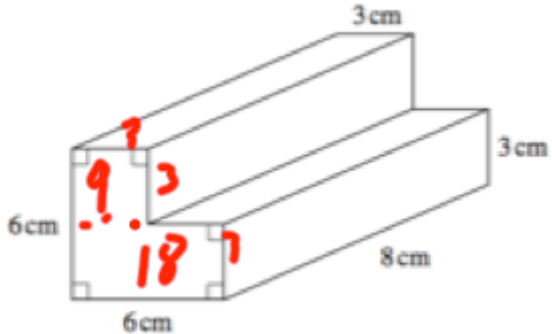
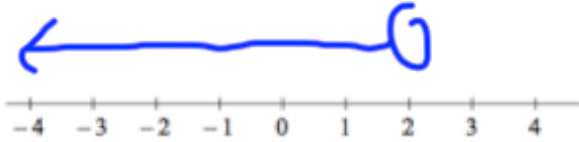
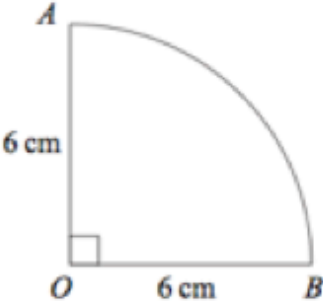
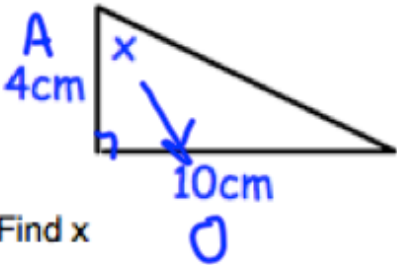


January 7th	5-a-day	Numeracy
<p>Write the number 5267 in words</p> <p>five thousand, two hundred and sixty seven.</p>	<p>Write the number 5267 correct to the nearest hundred.</p> <p>5300</p>	
<p>Write down the value of 2 in the number 5267</p> <p>200</p>		
<p>Change 5000 metres to kilometres</p> <p>5km</p>		
<p>Work out $423 \div 3$</p> <p>141</p>		
<p>Work out 24×51</p> <p>24 x 51 ----- 24 1200 ----- 1224</p>	<p>1224</p>	

January 7th	5-a-day	Foundation
<p>Given $13 \times 17 = 221$</p> <p>Write down the value of 13×1.7</p> <p style="text-align: center; color: red;">22.1</p>	<p>$2210 \div 1.7$</p> <p style="text-align: center; color: red;">1300</p>	
<p>Solve</p> <p>$2(4x - 1) = 18$</p> <p style="color: red;">$8x - 2 = 18$</p> <p style="color: red;">$8x = 20$</p>	<p style="color: red;">$x = 2.5$</p>	
<p>$-2 < x \leq 1$</p> <p>x is an integer.</p> <p>Write down all the possible values of x.</p>	<p style="color: red;">$-1, 0, 1$</p>	
<p>Given the probability of Paul scoring a penalty is 0.7 and he takes 30 penalties in a season, how many goals is he expected to score?</p>	<p style="color: red;">0.7×30</p> <p style="color: red;">21</p>	
	<p>Calculate the volume of this prism</p> <p style="color: red;">$27 \times 8 = 216 \text{ cm}^3$</p>	

January 7	5-a-day	Higher
<p>Solve $4x - 1 < 7$</p> $4x < 8$ $x < 2$	<p>Represent the answer on the number line</p> 	
 <p>6 cm</p> <p>6 cm</p> <p>O</p> <p>A</p> <p>B</p> $\pi r^2 \div 4$ $(\pi \times 6^2) \div 4 =$	<p>Calculate the area of this sector.</p> $28.27 \text{ cm}^2 \text{ or } 9\pi \text{ cm}^2$	
<p>Shown is a right angled triangle</p>  <p>A</p> <p>4cm</p> <p>10cm</p> <p>Find x</p>	$\tan x = \frac{10}{4}$ $x = \tan^{-1} \frac{10}{4}$ $x = 68.199^\circ$	
<p>Solve the simultaneous equations</p> $2x + y = 21 \quad \times 2$ $x - 2y = 8$ $4x + 2y = 42$ $x - 2y = 8 \quad (\text{Add})$	$5x = 50$ $x = 10$ $10 - 2y = 8$ $y = 1$	
<p>Work out</p> $\sqrt{200} + \sqrt{50}$	$\sqrt{100} \times \sqrt{2}$ $10\sqrt{2} +$	$+ \sqrt{25} \times \sqrt{2}$ $5\sqrt{2}$ $15\sqrt{2}$