

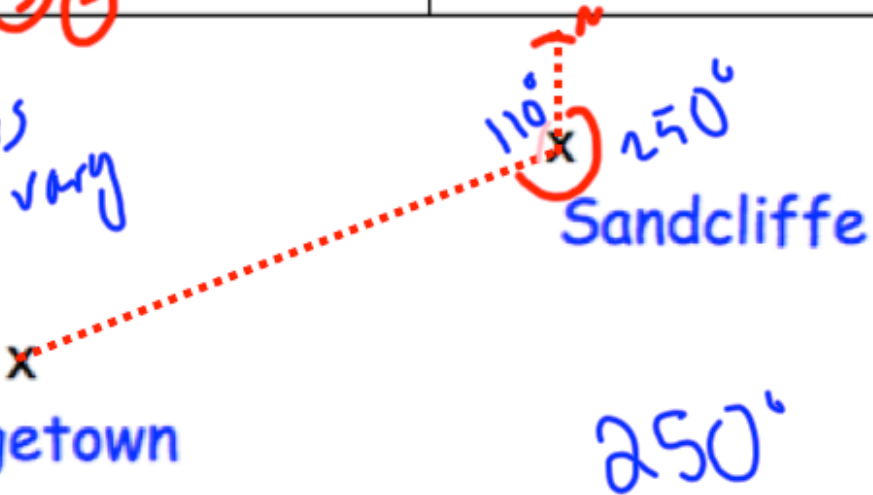
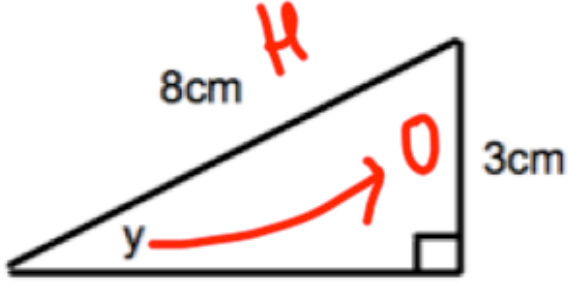

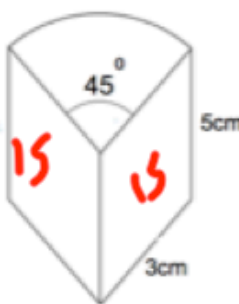


June 29th	5-a-day	Numeracy
$24 \div 2$ 12 $32 \div 4$ 8	$45 \div 5$ 9 $63 \div 7$ 9	
List the cube numbers under 50. 1 8 27		
 <p>What percentage of the shape is shaded?</p>	60%	
Solve $w - 2 = 5$ $w = 7$	Solve $\frac{w}{5} = 2$ $w = 10$	
Simplify $\frac{24}{33}$ $\frac{8}{11}$	Which is larger? $\frac{17}{30}$ $\frac{2}{3}$ $\frac{20}{30}$	

June 29	5-a-day	Foundation
$\frac{4}{5} \times \frac{3}{7} =$	$\frac{12}{35}$	
<p>Write 100 as a product of primes.</p> 	$2 \times 2 \times 5 \times 5$ $2^2 \times 5^2$	
<p>Answers will vary</p>  <p>Georgetown</p> <p>Sandcliffe</p> <p>250°</p> <p>Write down the three figure bearing of Georgetown from Sandcliffe</p> <p style="text-align: right;"><u> </u></p>		
<p>A cyclist travels 75 miles in 5 hours. What is her average speed?</p>	$s = \frac{d}{t} = \frac{75}{5} =$ <p style="text-align: center;">15mph</p>	

June 29	5-a-day	Higher
	<p>Calculate angle y</p> $\sin y = \frac{3}{8}$ $y = 22.024^\circ$	
<p>Solve</p> $3(x + 8) = x + 6$	$3x + 24 = x + 6$ $2x + 24 = 6$ $2x = -18$ $x = -9$	
 <p>Complete the tree diagram.</p>	<p>What is the probability of 2 losses?</p> $0.8 \times 0.7 = 0.56$ <p>What is the probability of exactly one win?</p> $0.2 \times 0.7 = 0.14$ $0.8 \times 0.3 = 0.24$ $+ \frac{\quad}{0.38}$	
	<p>Calculate the surface area.</p> <p>Curved:</p> $\left(\frac{45}{360} \times \pi \times 6\right) \times 5 = 11.781$ $15 + 15 + 3.5343 + 3.5343 + 11.781 = 48.85 \text{ cm}^2$	