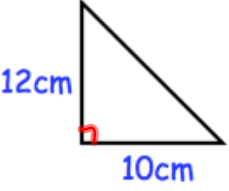




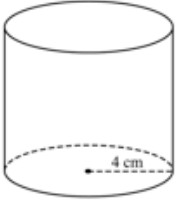

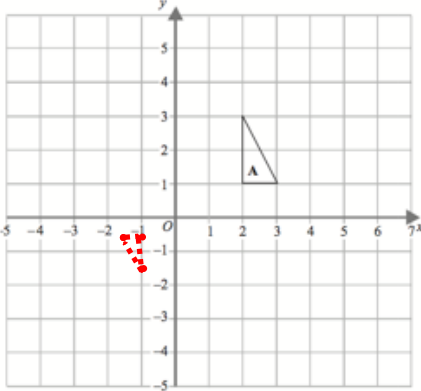
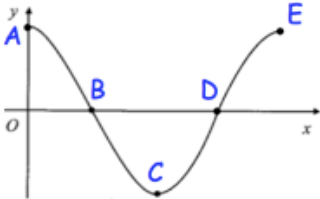
Name: _____

October 19th	5-a-day	Numeracy																				
5.2×100 520	$2300 \div 100$ 23																					
Simplify fully $\frac{25}{35}$ $\frac{5}{7}$																						
13^2 169	$\begin{array}{r} 13 \\ \times 13 \\ \hline 39 \\ 130 \\ \hline 169 \end{array}$																					
<table border="1"><tbody><tr><td>w</td><td>w</td><td>w</td><td>w</td><td>28</td></tr><tr><td>w</td><td>w</td><td>x</td><td>x</td><td>34</td></tr><tr><td>w</td><td>w</td><td>x</td><td>y</td><td>26</td></tr><tr><td>w</td><td>x</td><td>y</td><td>z</td><td>40</td></tr></tbody></table>	w	w	w	w	28	w	w	x	x	34	w	w	x	y	26	w	x	y	z	40		
w	w	w	w	28																		
w	w	x	x	34																		
w	w	x	y	26																		
w	x	y	z	40																		
Find w, x, y and z w = 7 x = 10 y = 2 z = 21																						

Name: _____

October 19	5-a-day	Foundation
	<p>Find the area</p> $\frac{1}{2}(10 \times 12)$ 60 cm^2	
<p>What fraction is halfway between</p> $\frac{2}{5} \quad \frac{4}{10} \quad \text{and} \quad \frac{9}{10}$	$\frac{6}{10} + \frac{9}{10} = \frac{13}{10}$ $\frac{13}{10} \div 2 \quad \frac{13}{10} \times \frac{1}{2} = \frac{13}{20}$	
 <p>Write down the inequality shown above</p> $-2 < x \leq 3$		
	<p>The rectangle is enlarged by scale factor 3.</p> <p>What would the new length and width be?</p> $L = 18 \quad W = 12 \text{ cm}$	
<p>How many times larger is the area of the enlarged rectangle than the original?</p> $18 \times 12 = 216 \text{ cm}^2$ $6 \times 4 = 24$	$216 \div 24 = 9$ <p>9 times bigger.</p>	

Name: _____

October 19	5-a-day	Higher
	$\pi r^2 h$ $\pi \times 4^2 \times 10$ 160π	<p>Calculate the volume of the cylinder.</p> $502.65 \dots \text{cm}^3$
<p>Write 350 as a product of primes.</p> 	$2 \times 5^2 \times 7$	
 <p>Enlarge A by scale factor $-\frac{1}{2}$, centre O.</p>		
	<p>Shown is the graph of (circle the correct answer)</p> <p><input checked="" type="radio"/> $y = \cos x^\circ$ <input type="radio"/> $y = \sin x^\circ$ <input type="radio"/> $y = \tan x^\circ$</p> <p>Write down the coordinates of D.</p> $(270, 0)$	