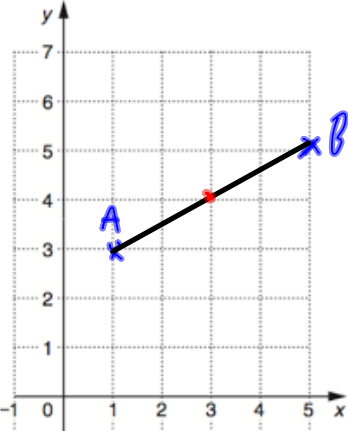

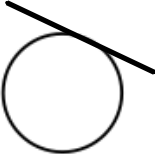
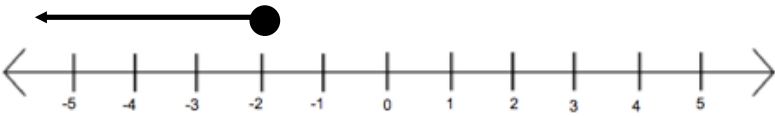
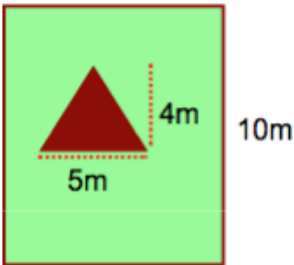


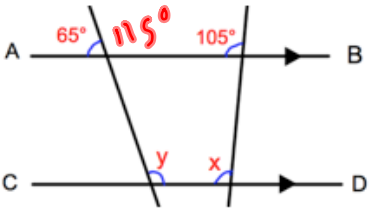
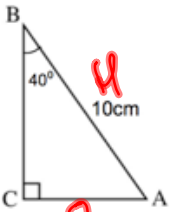
Name: _____

November 7th	5-a-day	Numeracy
List the first five square numbers $1 \ 4 \ 9 \ 16 \ 25$	List the first five cube numbers. $1 \ 8 \ 27 \ 64 \ 125$	
Double 336 672	$9.2 + 1.25 + 3.66$ $\begin{array}{r} 9.20 \\ 1.25 \\ + 3.66 \\ \hline 14.11 \end{array}$	14.11
	Plot the coordinate A (1, 3) Plot the coordinate B (5, 5)	C is the midpoint of AB. Write down the coordinates of C. $(3, 4)$
Nicola selects a cube from a bag containing 6 red, 2 green and 5 white cubes. 13 What is the probability she picks a white cube? $\frac{5}{13}$	What is the probability she picks a red or white cube? $\frac{11}{13}$	

Name: _____

November 7	5-a-day	Foundation
 <p data-bbox="228 625 378 653">Draw a sector</p>	 <p data-bbox="634 625 800 653">Draw a tangent</p>	
<p data-bbox="228 688 670 716">Draw $x \leq -2$ on the number line.</p> 		
 <p data-bbox="277 1245 570 1329">Whole garden 80 m^2</p>	<p data-bbox="630 919 1006 972">The picture shows a triangular flowerbed in a lawn.</p> <p data-bbox="630 993 963 1020">Calculate the area of the flowerbed.</p> $\frac{1}{2}(5 \times 4) = 10\text{ m}^2$	
	<p data-bbox="630 1161 1006 1188">What percentage of the garden is grass?</p> $\frac{70}{80} = 0.875$ 87.5%	
$4\frac{1}{2} + 2\frac{2}{3}$ $\frac{9}{2} + \frac{8}{3}$	$\frac{27}{6} + \frac{16}{6} = \frac{43}{6}$ $7\frac{1}{6}$	

Name: _____

November 7	5-a-day	Higher
	<p>Find x 105°</p> <p>Find y 115°</p>	
$4 \times 10^7 \times 3 \times 10^4$ 12×10^{11} <u>1.2×10^{12}</u>		
<p>Solve</p> $x^2 - 3x - 10 = 0$	$(x-5)(x+2) = 0$ $x=5$ or $x=-2$	
	<p>Find the size of AC.</p> $AC = 10 \times \sin 40$ $= 6.4279 \text{ cm}$	
<p>A regular polygon has interior angles that are 5 times larger than each of its exterior angles.</p> <p>Calculate how many sides it has.</p> <p>Interior - $5x$ exterior - x 150 30</p>	$6x = 180$ $x = 30$ $360 \div 30 = 12 \text{ sides}$	