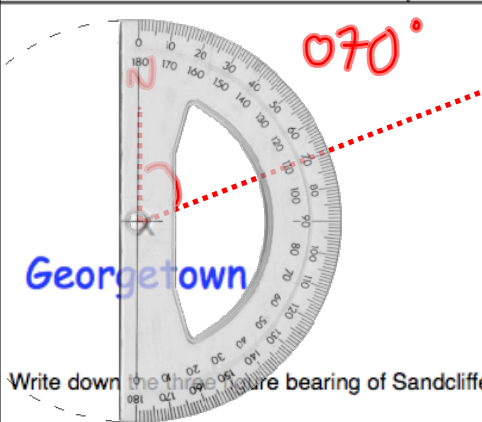


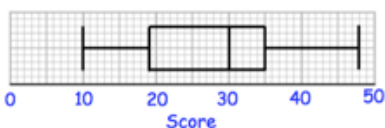
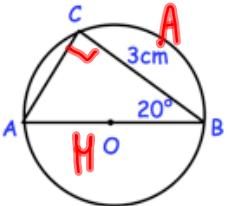
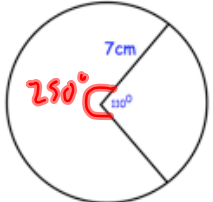
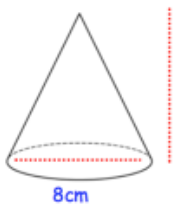
Name: _____

October 28th	5-a-day	Numeracy
9^2 81	What is the square root of 49? 7	
$23 + 43 + 95$ $\begin{array}{r} 23 \\ 43 \\ 95 \\ \hline 161 \end{array}$	392×6 $\begin{array}{r} 392 \\ \times 6 \\ \hline 2352 \end{array}$	
William is y years old. Eoin is four years older than William. Write an expression for Eoin's age.	$y + 4$	
Three consecutive numbers have a sum of 21. What are the three numbers?	$6, 7, 8$	
3 9 11 33 Find the range. $33 - 3 = \underline{30}$	Find the median. $\cancel{3} \ 9 \ 11 \ \cancel{33}$ $\underline{10}$	

Name: _____

October 28	5-a-day	Foundation
$\frac{4}{5} \times \frac{3}{7}$	$\frac{12}{35}$	
 <p data-bbox="219 1039 893 1071">Write down the true bearing of Sandcliffe from Georgetown.</p>		
<p data-bbox="219 1161 621 1224">A cyclist travels 65 miles in 5 hours. What is her average speed?</p> $s = \frac{d}{t}$	$\frac{65}{5} = 13 \text{ mph}$	
<p data-bbox="219 1392 292 1423">Solve</p> $6(w - 3) = 2w + 14$ $6w - 18 = 2w + 14$	$4w - 18 = 14$ $4w = 32$ $w = 8$	

Name: _____

October 28	5-a-day	Higher
<p>Factorise</p> $x^2 + 2x - 15$ $(x+5)(x-3)$	<p>Factorise</p> $x^2 - 8x - 9$ $(x-9)(x+1)$	
	<p>Find the range.</p> $48 - 10 = 38$ <p>Write down the median.</p> 30	
 $\cos \theta = \frac{A}{H}$ $H = \frac{3}{\cos 20}$ $H = 3.1925$	<p>Find the size of the diameter, AB.</p>	
<p>Calculate the area of the major sector. The minor sector has angle 110 degrees.</p> $\frac{250}{360} \times \pi \times 7^2$ $= 106.9 \text{ cm}^2$		
 $V = \frac{1}{3} \times \pi r^2 \times h$ $= \frac{1}{3} \times \pi \times 4^2 \times 10$ $= 167.55 \text{ cm}^3$	<p>Calculate the volume of the cone.</p>	