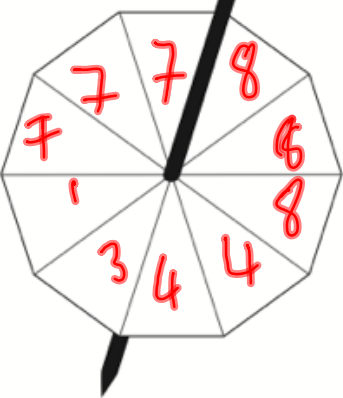
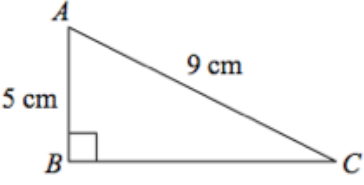


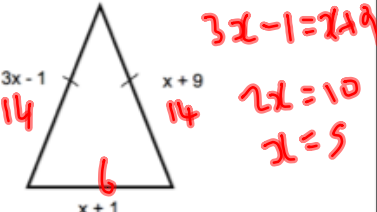
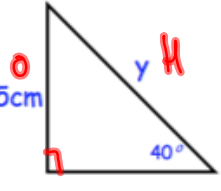
Name: _____

October 11th	5-a-day	Numeracy
$93 + 15$ 108	$98 - 39$ 59	
$3.9 + 1.25$ 5.15	$203 - 50.5$ 152.5	
Find the missing terms of this sequence. 8 13 18 23 <u>28</u> <u>33</u> 38	Find the missing terms of this sequence. <u>80</u> 400 200 100 50 <u>25</u> <u>1.5</u>	
	This spinner has 10 equal sections. Label the spinner so that: <ul style="list-style-type: none">- It has an even chance of landing on an odd number.- An 8 is more likely than a 4.- An 8 and a 7 are equally likely.- It is impossible to get a number above 8.	

Name: _____

October 11	5-a-day	Foundation
Work out 2.38×18 42.84		
	Find the length of BC. $9^2 - 5^2 = 56$ $\sqrt{56} = 7.48... \text{ cm}$	
Solve $2w + 5 = 10$ $2w = 5$ $w = 2.5$		
Simplify $y^6 \times y^4$ y^{10}	Simplify $w^8 \div w^2$ w^6	
Simplify fully $9x - 3(x - 3y) - 5y$ $6x - 3x + 9y - 5y$	$6x + 4y$	

Name: _____

October 11	5-a-day	Higher
 <p> $3x-1$ $x+9$ $x+1$ $3x-1 = x+9$ $2x = 10$ $x = 5$ </p>	<p>Shown is an isosceles triangle. Find its perimeter.</p>	<p>34cm</p>
<p>Expand $(x+5)(x-1)$</p>		<p>$x^2 + 4x - 5$</p>
	<p>Find y</p>	<p> $H = \frac{5}{\sin 40}$ $= 7.78 \text{ cm}$ </p>
<p>Solve, to one decimal place.</p> <p>$5x^2 + 2x - 1 = 0$</p> <p>$a=5 \quad b=2 \quad c=-1$</p>		<p> $x = \frac{-2 + \sqrt{24}}{10}$ $x = 0.3$ or $x = \frac{-2 - \sqrt{24}}{10}$ $x = -0.7$ </p>
<p> $x = \frac{-b \pm \sqrt{b^2 - 4ac}}{2a}$ $x = \frac{-2 \pm \sqrt{4 + 20}}{10}$ </p>		