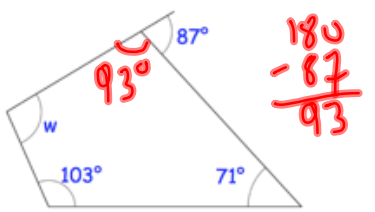
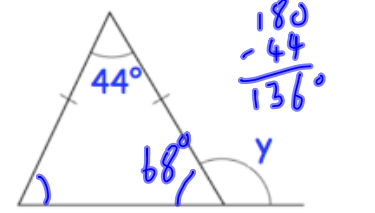
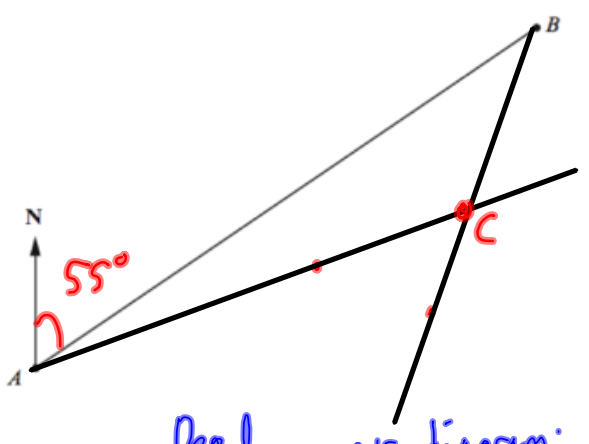


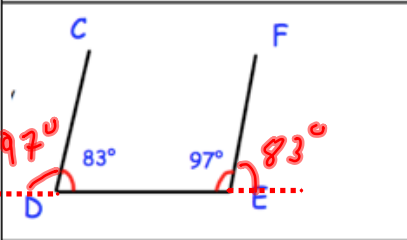
Name: \_\_\_\_\_

November 5th	5-a-day	Numeracy									
Work out the product of 12 and 3  $36$	Work out the difference between 90 and 35  $\begin{array}{r} 90 \\ - 35 \\ \hline 55 \end{array}$										
Work out $\frac{2}{5}$ of 25  $25 \div 5 = 5$ $5 \times 2 = 10$											
David runs for 420 seconds. How many minutes is this?  $7$											
<table border="1"><thead><tr><th></th><th>French</th><th>German</th></tr></thead><tbody><tr><th>Male</th><td>14</td><td>4</td></tr><tr><th>Female</th><td>14</td><td>8</td></tr></tbody></table>		French	German	Male	14	4	Female	14	8	Twice as many girls study German that boys. There are 40 students altogether. Find the missing numbers.	
	French	German									
Male	14	4									
Female	14	8									
Sam wins £400 in a competition. He gives 10% of the money to his aunt. He gives $\frac{1}{4}$ of the money to his brother. $£400 \div 4 = £100$	How much money does Sam have left? $£400 + £100 = £140$ $£400$ $- £140$ $£260$										

Name: \_\_\_\_\_

November 5	5-a-day	Foundation
	<p>Find w</p> $\begin{array}{r} 93 \\ 71 \\ + 103 \\ \hline 267 \end{array}$	$\begin{array}{r} 180 \\ - 87 \\ \hline 93 \end{array}$
	<p>Find y</p> $136 \div 2 = 68^\circ$ $180 - 68 = 112^\circ$	
 <p style="color: blue; text-align: center;">Depends on your diagram</p>		
<p>Write the bearing of B from A.</p> $055^\circ$	<p>C is on a bearing of <math>070^\circ</math> from A.  C is on a bearing of <math>200^\circ</math> from B.  Show C on the diagram.</p>	

Name: \_\_\_\_\_

November 5	5-a-day	Higher
<p>A young panda weighs 12kg to the nearest kilogram.</p> <p>Write down the least and the greatest possible weight of the panda.</p>	Least $11.5\text{kg}$	Greatest $12.5\text{kg}$ ( $12.49\text{kg}$ )
	Are CD and EF parallel?	$\text{yes}$
<p>Simplify fully</p> $\frac{x^2 + 8x}{x^2 + 10x + 16}$	$\frac{x(x+8)}{(x+2)(x+8)} = \frac{x}{x+2}$	
<p>Solve</p> $2\sqrt{x} = 50$ $\div 2 \quad \div 2$	$\sqrt{x} = 25$ $x = 625$	
<p>Work out</p> $81^{-\frac{3}{4}}$ $(\sqrt[4]{81})^3$	$\frac{1}{3^3} = \frac{1}{27}$	