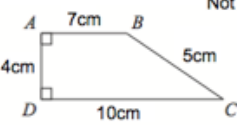
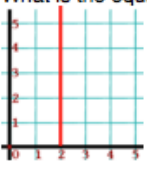

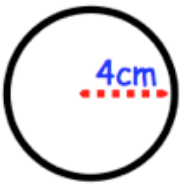
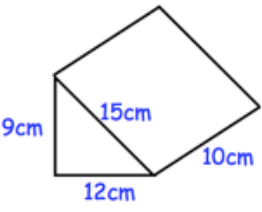


Name: _____

November 6th	5-a-day	Numeracy
Work out 3^2 9	Work out $\sqrt{36}$ 6	
Here is a list of numbers 12 18 23 49 50 21 (a) Write down a prime number 23	(b) Write down a square number 49	
Work out $5.7 - 3.62$ $\begin{array}{r} 5.70 \\ - 3.62 \\ \hline 2.08 \end{array}$		
Work out the value of 0.2×0.3 0.06		
Find the value of 115×27 $\begin{array}{r} 115 \\ \times 27 \\ \hline 805 \\ + 2300 \\ \hline 3105 \end{array}$		3105

Name: _____

November 6	5-a-day	Foundation
<p>Calculate the area</p> $\frac{1}{2}(7+10) \times 4$ $8.5 \times 4 = 34 \text{ cm}^2$	 <p>Not drawn accurately</p>	
<p>What is the equation of the line?</p>  $x = 2$	<p>What is the equation of the line?</p>  $y = 3$	
	<p>Work out the area. Leave your answer in terms of pi.</p> $\pi \times 4^2$ $\pi \times 16$ 16π	
	<p>Calculate the volume.</p> $\frac{1}{2}(12) \times 9 = 54 \text{ cm}^2$ $54 \times 10 = 540 \text{ cm}^3$	
<p>Hollie has £900 that she wants to exchange into Euro.</p> <p>The exchange rate is £1 = €1.44</p> <p>The lowest note that the post office has is €20</p> $900 \times 1.44 = 1296$	<p>How many Euro can Hollie buy and how much will this cost her?</p> $€1280$ $1280 \div 1.44$ $£888.89$	

Name: _____

November 6

5-a-day

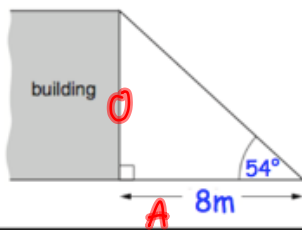
Higher

Calculate

$$\sqrt{3.6^2 + 2.25} = 3.9$$

Give your answer to 2 significant figures.

3.9



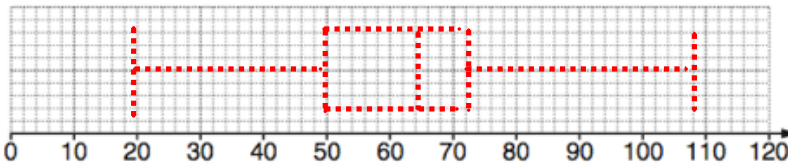
Find the height of the building.

$$\tan(54) \times 8 = 11.01\text{m}$$

Work out, giving your answer in standard form.

$$(4.73 \times 10^{-3}) \times (7.29 \times 10^{-5})$$

$$34.4817 \times 10^{-8}$$
$$3.44817 \times 10^{-7}$$



Lowest: 20
Lower Quartile: 50
Median: 65
Upper Quartile: 72
Highest: 108

Draw the box plot above.

Calculate the range.

$$108 - 20 = 88$$

Calculate the interquartile range.

$$72 - 50 = 22$$