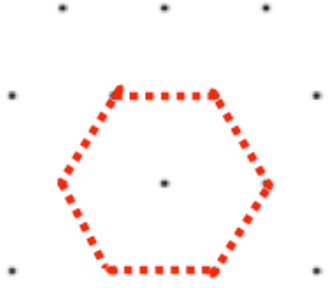
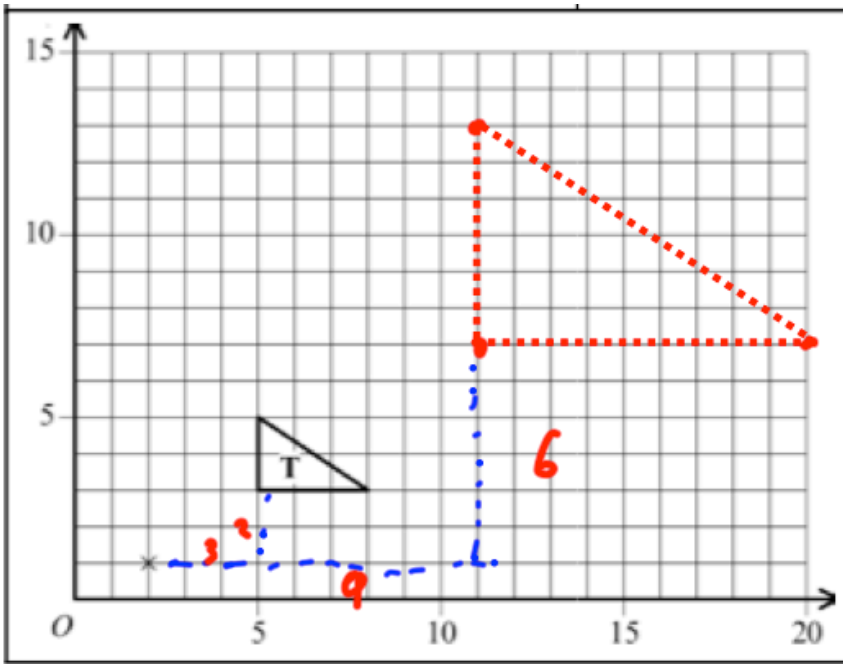
February 28th	5-a-day	Numeracy
Write 2 metres in centimetres 200cm	Write 3.4 metres in centimetres 340cm	
What is the probability of selecting a C? $\frac{1}{5}$	A C A B A	
There are 5 letters. The probability of a N is 2/5 The other two letters are O and R. R is more likely than O.	What are the letters? NNRRO	
Ann is 30 years old. Ben is 7 years older than Ann. 23 Colin is half of Ann's age. 15 Dave is two years younger than Ben 21	What is the sum of Ann, Ben, Colin and Dave's ages. 30 23 15 21 89	
Draw a hexagon on the isometric dots.		

February 28th	5-a-day	Foundation
Work out $\frac{5}{6} - \frac{4}{9}$	$\frac{15}{18} - \frac{8}{18} = \frac{7}{18}$	
Solve 5(2x + 3) = 30 $10x + 15 = 30$ $10x = 15$ $x = 1.5$		
Factorise 9w + 21 $3(3w + 7)$		

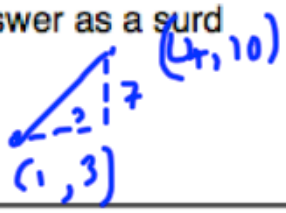


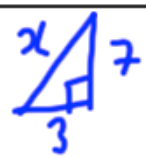
Enlarge triangle T with scale factor 3 and centre (2, 1)

February 28th	5-a-day	Higher

Calculate the distance between (1,3) and (4,10).

Leave your answer as a surd





$3^2+7^2=x^2$

$9+49=x^2$

$x=\sqrt{58}$

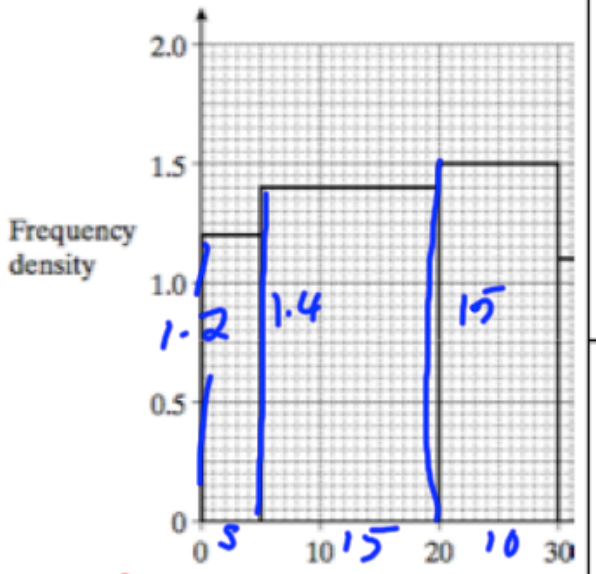
Expand and simplify

$(x+5)^2$

$(x+5)(x+5)$

$x^2+5x+5x+25$

$x^2+10x+25$



$5\times1.2=6$

$15\times1.4=21$

$1.5\times10=15$

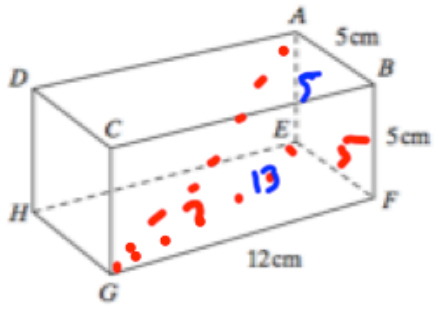
Shown is a histogram.

Complete this table

Time, t (minutes)	$0<t\leq5$	$5<t\leq20$	$20<t\leq30$
Number of shoppers	6	21	15

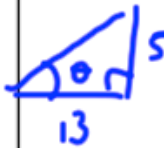
Estimate how many people took over 25 minutes.

7.5 / 8 / 7.



Calculate angle EGA

$EG=\sqrt{12^2+5^2}=13$



$\tan\theta=\frac{5}{13}$

$\theta=21.04^\circ$