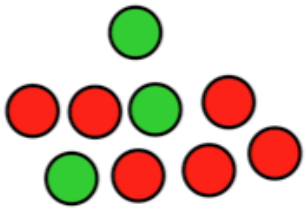
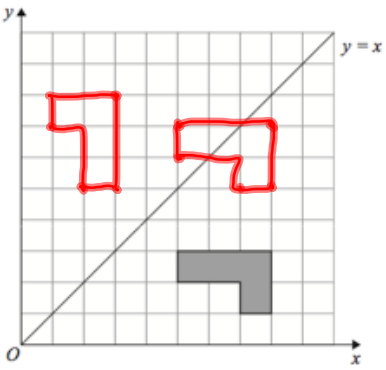
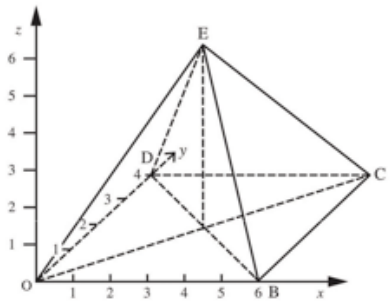
Name: _____

October 10th	5-a-day	Numeracy
Write in words 4012 four thousand and twelve		What is half of 4012 2006
4 8 12 16 20 24 28 Above are some multiples of 4. Circle the square numbers		Underline the cube number.
		A counter is picked at random. What is the probability of a green? $\frac{3}{9} = \frac{1}{3}$
Given $37 \times 102 = 3774$ Work out 37 x 103		3811
$\frac{1}{5}$ of 55 days		11 days

Name: _____

October 10	5-a-day	Foundation
Write 0.15 as a simplified fraction. $\frac{3}{20}$		
Reflect the shaded shape in the line y = x		
Translate the shaded shape by $\begin{pmatrix} 0 \\ 4 \end{pmatrix}$		
0.23 x 4.5 1.035		
Write 900 as a product of primes. $2^2 \times 3^2 \times 5^2$		

Name: _____

October 10	**5-a-day**	**Higher**
In a class of 28 pupils, the ratio of boys to girls is 2:5. How many of the pupils are girls?	20	
Rachel buys a DVD for £18.50. A year later she sells it for £15.91 What is the percentage decrease in value of the DVD?	14% $\frac{2.59}{18.5} \times 100$	
 Shown is a pyramid with vertices O, B, C, D and E.	Write down the coordinates of the vertex D. (0, 4, 0)	
	Write down the coordinates of the vertex E. (3, 2, 6)	
$x^2 + 4x + 10 = (x + p)^2 + q$ Find p and q. $(x+2)^2 - 4 + 10$	$(x+2)^2 + 6$	