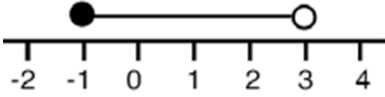
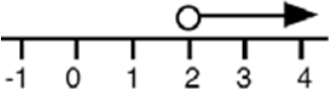
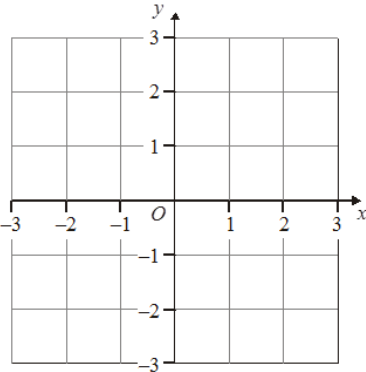
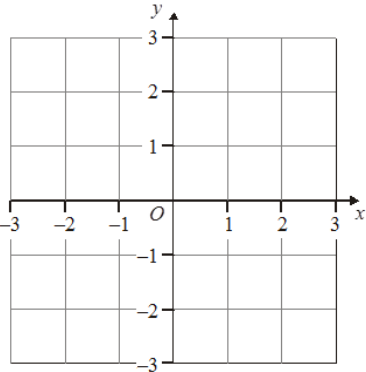
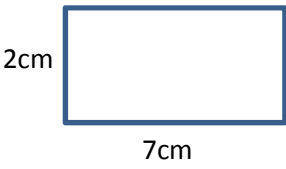
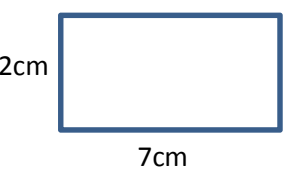
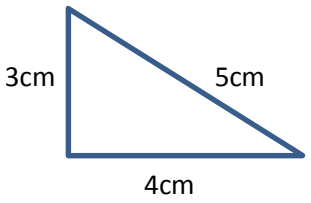
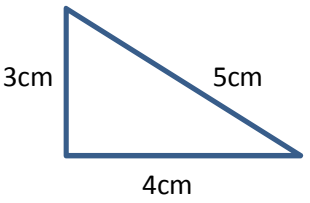


Essential Skills – YELLOW Set – Practise Test

1a) Calculate -4×-2	1b) Calculate $-2 + -5$	2) Round 4326 to 2 significant figures
3) Calculate $32.4 \div 100$	4) Buses hold 40 people. How many buses are needed for 162 people?	5) Write 180 as a product of its prime factors
6a) State the lowest common multiple of 16 and 12	6b) State the highest common factor of 16 and 12	7) Divide £45 in the ratio 3:2
8a) Write $3\frac{2}{3}$ as an improper fraction	8b) Write $\frac{17}{5}$ as a mixed number	9) Put into ascending order: 0.7 63% $\frac{3}{5}$
10) Simplify $y^8 \times y^2$	11) Calculate $2.6\text{km} + 300\text{m}$	12) If $a = 5$ and $b = 3$, state the value of $4a - 2b$

<p>13) State the nth term of this sequence 8, 11, 14, 17...</p>	<p>14) Factorise $5x + 10$</p>	<p>15) Expand and simplify $3(2x + 1) + 4(x + 2)$</p>
<p>16) Solve the equation $5x - 2 = 18$</p>	<p>17a) List the integers represented on the number line below</p> 	<p>17b) State the inequality represented on the number line below</p> 
<p>18a) Draw the line $y = 2$</p> 	<p>18b) Draw the line $y = x$</p> 	<p>19a) Calculate the area of the rectangle</p> 
<p>19b) Calculate the perimeter of the rectangle</p> 	<p>19c) Calculate the area of the triangle</p> 	<p>19d) Calculate the perimeter of the triangle</p> 

Finished? Now go back and check every answer.