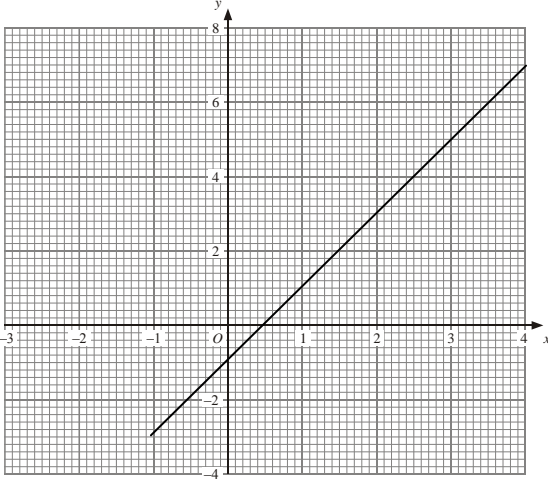




Yr 7 Level 6 Practice Assessment		Answers																						
A	Numbers & the number system	Answer	Mark	Criteria																				
1(a)	Circle equivalents to $\frac{6}{20}$	Circle: 30%; $\frac{6}{20}$; $\frac{3}{10}$; 0.3	2 (-1/error)	1																				
1(b)	Order the numbers	$\frac{3}{10}$ 0.32 33% $\frac{1}{3}$	1	1																				
B	Calculating		Mark	Criteria																				
2	How much compost?	loam:peat:sand 7 : 3 : 2 = 12 shares Peat : 3 shares = 1.5litres 12 share = 1.5litres x 4 = 6litres	1 1	3																				
3	6 pens for £2.30 Or 5 pens for £1.90	5 for £1.90 cheaper with reason 1 pen = £2.30 ÷ 6 = 38.33p 30pens = 5x£2.30=£11.50 1 pen = £1.90 ÷ 5 = 38p 30pens = 6x£1.90=£11.40	1 1	4																				
C	Algebra		Mark	Criteria																				
4	Solve $5y+3=3y+14$	Solve $5y+3=3y+14$ $2y+3= 14$ $2y = 11$ <u>y = 5.5</u>	1 1	7																				
5	(a) nth term (b) Is 319 a term	$n \rightarrow 4n-1$ $4n- 1 = 319$ $4n = 320$ $n = 80$ <u>YES with reason</u>	1 1	8																				
6	(a)Complete table (b)Draw graph of $y=2x-1$	-3 -1 7 	Points1 Graph 1	9																				
D	Shape, Space and Measure		Mark	Criteria																				
7	Complete table about symmetry of quadrilaterals	<table border="1" style="width: 100%; text-align: center;"> <tr> <td></td> <td>C</td> <td></td> <td></td> </tr> <tr> <td></td> <td>E</td> <td></td> <td></td> </tr> <tr> <td>F</td> <td></td> <td>A</td> <td></td> </tr> <tr> <td></td> <td></td> <td>B</td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td>D</td> </tr> </table>		C				E			F		A				B					D	2 (-1 per error)	
	C																							
	E																							
F		A																						
		B																						
			D																					
8	Find missing angles	$x=74^\circ$ (isosceles triangle-equal angles) $y=32^\circ$ (angle sum of triangle = 180)	1 1	13																				

		$z=46^{\circ}$ (angle sum of triangle =180)	1																						
9	Find missing angle	$a=62^{\circ}$ (corresponding angles are equal)	1	14																					
10	Instructions to draw a pentagon	FD10 RT72^o repeated 5 times	1	15																					
11	Front elevation Plan	  Front Plan	1 1	16																					
E	Data Handling		Mark	Criteria																					
12	Create grouped frequency table	<table border="1"> <thead> <tr> <th>Class interval</th> <th>Tally</th> <th>f</th> </tr> </thead> <tbody> <tr> <td>0-5</td> <td> I</td> <td>6</td> </tr> <tr> <td>6-10</td> <td> </td> <td>3</td> </tr> <tr> <td>11-15</td> <td> </td> <td>5</td> </tr> <tr> <td>16-20</td> <td> </td> <td>5</td> </tr> <tr> <td>21-25</td> <td> III</td> <td>8</td> </tr> <tr> <td>26-30</td> <td> </td> <td>3</td> </tr> </tbody> </table>	Class interval	Tally	f	0-5	I	6	6-10		3	11-15		5	16-20		5	21-25	III	8	26-30		3	2 (-1 per error)	22
Class interval	Tally	f																							
0-5	I	6																							
6-10		3																							
11-15		5																							
16-20		5																							
21-25	III	8																							
26-30		3																							
13	Complete a table for angles	$360^{\circ} \div 40 = 9^{\circ}$ per person $10 \times 9 = 90^{\circ}$ $3 \times 9 = 27^{\circ}$ $7 \times 9 = 63^{\circ}$ $20 \times 9 = 180^{\circ}$ Pie chart	1 1	23																					
14	Complete list of outcomes	G1, G2,G3,G4,G5,G6 B1, B2,B3,B4,B5,B6 R1,R2,R3,R4.R5,R6	1	24																					
15	Find missing p	$1-0.8=$ 0.2	1	25																					
16	(a)No. >70kg (b)Range	5 $87-46=$ 41kg	1 1	26																					