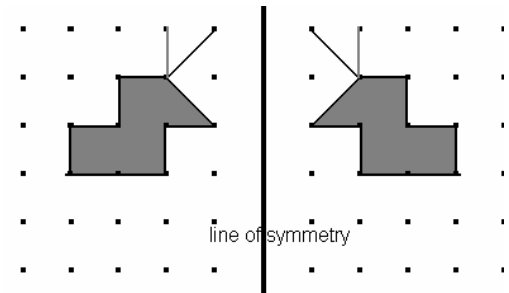


GCSE 1 Exemplar Paper 1 Answers

Question	Answer	Marks
	Section A	
A1	£25	2
A2 a	£2.51	3
b	Coins: £2, 50p, 1p	2
A3 a	£5	2
b	£8	3
c	$\frac{1}{5}$	2
d		4
A4 a	Total = 150; mean = 30	3
b	Bus	1
A5 a	30	2
b	Traffic jams or bus breakdown	1
c	Bicycle because she will always get there on time	2
A6 a	1.8m	3
b	5	2
c	9	3
A7	$7 \times 90 = 630$ (too heavy)	2
A8	45	3

Question	Answer	Marks																				
	Section B																					
B1 a	8cm, 5cm	2																				
b	4m, 2.5m	2																				
c	10m ²	3																				
d	2 bottles	3																				
B2 a	<table border="1"> <thead> <tr> <th>Flower</th> <th>Cost per pack</th> <th>Quantity</th> <th>Cost</th> </tr> </thead> <tbody> <tr> <td>Tulip bulbs</td> <td>0.99</td> <td>5</td> <td>4.95</td> </tr> <tr> <td>Daffodil bulbs</td> <td>0.79</td> <td>8</td> <td>6.32</td> </tr> <tr> <td>Crocus bulbs</td> <td>1.19</td> <td>10</td> <td>11.90</td> </tr> <tr> <td colspan="2"></td> <td>Total</td> <td>23.17</td> </tr> </tbody> </table>	Flower	Cost per pack	Quantity	Cost	Tulip bulbs	0.99	5	4.95	Daffodil bulbs	0.79	8	6.32	Crocus bulbs	1.19	10	11.90			Total	23.17	3
Flower	Cost per pack	Quantity	Cost																			
Tulip bulbs	0.99	5	4.95																			
Daffodil bulbs	0.79	8	6.32																			
Crocus bulbs	1.19	10	11.90																			
		Total	23.17																			
b	= B2 x C2	2																				
B3 a	£13.74	3																				
b	£92.24	1																				
B4 a	<table border="1"> <thead> <tr> <th>Bundle</th> <th>Cost in pence</th> <th>No. of texts</th> <th>Cost per text</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>90</td> <td>10</td> <td>9p</td> </tr> <tr> <td>B</td> <td>430</td> <td>50</td> <td>8.6p</td> </tr> <tr> <td>C</td> <td>820</td> <td>100</td> <td>8.2p</td> </tr> </tbody> </table>	Bundle	Cost in pence	No. of texts	Cost per text	A	90	10	9p	B	430	50	8.6p	C	820	100	8.2p	3				
Bundle	Cost in pence	No. of texts	Cost per text																			
A	90	10	9p																			
B	430	50	8.6p																			
C	820	100	8.2p																			
b	C	1																				
c	If you don't send many text messages, you might choose a cheaper bundle with fewer messages	1																				
B5	70° and 40° OR 55° and 55°	5																				
B6 a	<table border="1"> <tr> <td>Female</td> <td>angle</td> </tr> <tr> <td>Swimming</td> <td>150°</td> </tr> <tr> <td>Squash</td> <td>60°</td> </tr> <tr> <td>Gym</td> <td>120°</td> </tr> <tr> <td>Other</td> <td>30°</td> </tr> </table>	Female	angle	Swimming	150°	Squash	60°	Gym	120°	Other	30°	3										
Female	angle																					
Swimming	150°																					
Squash	60°																					
Gym	120°																					
Other	30°																					
b	Yes, bigger angle for females	2																				

B7	a	50%	2
	b	53%	2
	c	No	2