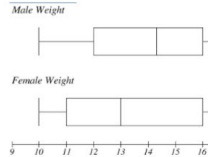



Schedule for common paper				
Number				
Total 110	Achieved 12 X4=48	Merit 5X6=30	Excellence 4X8= 32	Notes
Q1				Criteria to pass discuss N and S
a	14			
b	16			
c	15			
d		6 kg		
e			20	
f		If answer only 285 min a week	14280 min a year 247 hours a years	
Q2				
(a)				
(i)	21			
(ii)	3			
(iii)	3			
(iv)	19			
(v)		-64		
(vi)	14			
(b)	4			
Q3				
(a)			\$900	
(b)	1/4			
(c)			1380	
Q4				
(a)		1.5 or 3/2		

(b)	90 minutes every day			
(c)	3			
<b>Q5</b>				
	Only cost \$2675	Just answers for Costs calculated \$2675 less 500 2175 Plus \$145 per week	All working steps shown with correct answers then (E)	
Algebra				
<b>Q1 total 206</b>	12X4=48	13X6=78	10X8=80	
(a)	30x			
(b)	4y			
(c)	20x			
(d)		11y-5p		
(e)			4	
(f)		$z^5$		
(g)			$35b^2$	
(h)			$12f^7$	
<b>Q2</b>				
(a)	5x-20			
(b)		$7x-x^2$		
(c)		22y+33		
(d)			$x^2+9x+20$	
<b>Q3</b>				
(a)	7(w-5)			
(b)		4y(y-4)		
(c)			$3w^3y^7(w^2-6y^2)$	
(d)			$(x+2)(x+3)$	
<b>Q4</b>				

(a)	9															
(b)		2094.395102cm <sup>2</sup> any correct rounding														
Q5																
(a)	y= 5															
(b)		x=27														
(c)			x=5													
(d)			3W=12 , W=4													
Q6																
		C = 50h+200														
	\$500															
		H = 4														
Q7																
	Guess and check	Algorithm will result into lower grade from A to M depending on steps provided. No equation of any kind then only A	50= h+(h - 2) +(h-%) or 50 = 3h-7 h= 19 Hannah is 19, sister 17 and brother 14													
Q8																
(a)	14,17,20															
(b)	31,63,127															
(c)		25,36,49 needs an extra explanation such as x <sup>2</sup>														
Q9																
(a)	Correctly plotted pattern															
(b)		<table border="1" style="display: inline-table; vertical-align: middle;"> <tr> <td>1</td> <td>2</td> <td>3</td> <td>4</td> <td>5</td> <td></td> </tr> <tr> <td>1</td> <td>5</td> <td>9</td> <td>13</td> <td>17</td> <td></td> </tr> </table>	1	2	3	4	5		1	5	9	13	17			
1	2	3	4	5												
1	5	9	13	17												
(c)		s=4p-3														

(d)			15	
Q10				
(a)	Correctly plotted graph			
(b)		82		
(c)			$B=6W+22$	
Measurement				
Q1	$2 \times 4 = 8$	$2 \times 6 = 12$	$3 \times 8 = 24$ total 44	
(a)	864 000 cm <sup>3</sup>			
(b)		54m <sup>2</sup>		
(c)		28 m		
(d)	$5 \times 1 = 5\text{m}^2$ Area of one strip	$54\text{m}^2 \div 5 = 10.8\text{m}^2$ so 11 strips  Because 10 isn't enough and they won't sell 10.8 strips	A discussion about the length of the strips and the length of the yard, for example: One strip is 5m long so 9 of these would cover the middle area of the shape ( 9 by 5) This would leave two triangle areas 2 by nine, which makes a square 2 by 9. Two 5 by 1 strips make an area of 2 by 10. So need 9 plus 2 strips which makes 11.	
Q2		502.65cm <sup>3</sup>	All steps shown correctly	
Q3		Area of the rectangle = 5400cm <sup>2</sup>	Area of $\frac{1}{2}$ circle = 127.23cm <sup>2</sup> Area of $\frac{1}{4}$ circle = 176.71cm <sup>2</sup> Total area = 4919.35cm <sup>2</sup> Check for consistency with rounding	
	40% to 59% Achieved	60% to 79% Merit	80% +	
Statistics				
46	Achieved $5 \times 4 = 20$	Merit $3 \times 6 = 18$	Excellence $1 \times 8 = 8$	Total= 46
Q1`a	14.3			
B	16			

Q1c		<table border="1"> <thead> <tr> <th></th> <th>Male</th> <th>Female</th> </tr> </thead> <tbody> <tr> <td>Lowest Value</td> <td>10</td> <td>10</td> </tr> <tr> <td>Lower Quartile</td> <td>12</td> <td>11</td> </tr> <tr> <td>Median</td> <td>14.3</td> <td>13</td> </tr> <tr> <td>Upper Quartile</td> <td>16</td> <td>16</td> </tr> <tr> <td>Highest Value</td> <td>19</td> <td>18</td> </tr> </tbody> </table>		Male	Female	Lowest Value	10	10	Lower Quartile	12	11	Median	14.3	13	Upper Quartile	16	16	Highest Value	19	18					
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Q1D			 <p>Male Weight</p> <p>Female Weight</p> <p>Graph should have a title and axis label</p>																						
Q2 a	<table border="1"> <thead> <tr> <th>Number of Tricks</th> <th>Tally</th> <th>Frequency</th> </tr> </thead> <tbody> <tr> <td>3</td> <td>  </td> <td>2</td> </tr> <tr> <td>4</td> <td>    </td> <td>4</td> </tr> <tr> <td>5</td> <td>     </td> <td>5</td> </tr> <tr> <td>6</td> <td>   </td> <td>3</td> </tr> <tr> <td>7</td> <td>   </td> <td>3</td> </tr> <tr> <td>8</td> <td>  </td> <td>2</td> </tr> </tbody> </table>	Number of Tricks	Tally	Frequency	3		2	4		4	5		5	6		3	7		3	8		2			
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Q2B		 <p>Graph must have a title and axis labels</p>																							
Q3a	Beef loin grain-fed																								
b	Grassfed Beef and Grassfed Bison																								
c		$3.9 + 1.1 = 5$																							