

Y6 – Spring – Block 2 – Algebra B – Answers

Question	Answer	Marks	Notes and guidance																
1	21	1																	
	20	1																	
2	<table border="1" style="border-collapse: collapse; text-align: center;"> <tr> <td style="width: 40px; height: 40px;">★</td> <td style="width: 40px; height: 40px;">★</td> <td style="width: 40px; height: 40px;">●</td> <td style="width: 40px; height: 40px;">22</td> </tr> <tr> <td style="width: 40px; height: 40px;">★</td> <td style="width: 40px; height: 40px;">♥</td> <td style="width: 40px; height: 40px;">●</td> <td style="width: 40px; height: 40px;">24</td> </tr> <tr> <td style="width: 40px; height: 40px;">♥</td> <td style="width: 40px; height: 40px;">♥</td> <td style="width: 40px; height: 40px;">●</td> <td style="width: 40px; height: 40px;">26</td> </tr> <tr> <td style="width: 40px; height: 40px;">17</td> <td style="width: 40px; height: 40px;">19</td> <td style="width: 40px; height: 40px;">36</td> <td style="width: 40px; height: 40px;"></td> </tr> </table>	★	★	●	22	★	♥	●	24	♥	♥	●	26	17	19	36		3	<p>Award 2 marks for three answers correctly identified.</p> <p>Award 1 mark for two answers correctly identified.</p>
★	★	●	22																
★	♥	●	24																
♥	♥	●	26																
17	19	36																	
3	<table border="1" style="border-collapse: collapse; text-align: center;"> <thead> <tr style="background-color: #f4a460;"> <th style="width: 40px; height: 30px;">a</th> <th style="width: 40px; height: 30px;">b</th> </tr> </thead> <tbody> <tr> <td style="width: 40px; height: 30px;">1</td> <td style="width: 40px; height: 30px;">4</td> </tr> <tr> <td style="width: 40px; height: 30px;">2</td> <td style="width: 40px; height: 30px;">3</td> </tr> <tr> <td style="width: 40px; height: 30px;">3</td> <td style="width: 40px; height: 30px;">2</td> </tr> <tr> <td style="width: 40px; height: 30px;">4</td> <td style="width: 40px; height: 30px;">1</td> </tr> <tr> <td style="width: 40px; height: 30px;">5</td> <td style="width: 40px; height: 30px;">0</td> </tr> </tbody> </table>	a	b	1	4	2	3	3	2	4	1	5	0	2	Award 1 mark for at least two combinations correctly identified.				
a	b																		
1	4																		
2	3																		
3	2																		
4	1																		
5	0																		
4	3	1																	
	19	1																	
	14	1																	
5	26	1																	
6	9	2	Award 1 mark for sight of $3x = 27$																
7	18	2	Award 1 mark for sight of $5y = 90$																

Y6 – Spring – Block 2 – Algebra B – Answers (continued)

Question	Answer	Marks	Notes and guidance
8	20	2	Award 1 mark for sight of 4 cubes having a mass of 80 g
9	5	2	Award 1 mark for each answer correctly identified.
	20		
	100	1	