Out of **49**

1			
a/**2**	b/**2**	c/**3**	d/**3**
Solution almost correct but the 'there does not exist a j' statement is not required	Solution could have been simplified futher		Equivalence shown but the proof itself is lacking any explanation of the steps
1	1	3	2

2			
a/**2**	b/**2**	c/**2**	d/**2**
2	2	2	2

3	
a/**3**	b/**2**
3	2

4
/**5**
5

5	
a/**2**	b/**2**
2	2

6	7	8
/**6**	/**6**	/**5**
		An interesting, and apt analogy! Well written
6	6	5