Statistics Items B

Questions/instructions	*% responses*	
	2001 ('97) **year 4**	2001 ('97) **year 8**
1. In a bag of marbles, $\frac{1}{2}$ are red, $\frac{1}{4}$ are blue, $\frac{1}{6}$ are green, and $\frac{1}{12}$ are yellow. If a marble is taken from the bag without looking, it is most likely to be:		
(**A**) red A	33 (•)	71 (76)
B blue		
C green		
D yellow		
2. Here are the ages of five children: 13, 8, 6, 4, 4.		
What is the average (mean) age of these children? **7**	•	34 (33)
3. Maria made a survey of the students in her class. She found that 60% of the students know how to use one brand of computer, and 40% knew how to use a different brand of computer. She said that because it added up to 100%, it meant that everybody in the class knew how to use a computer. Explain to Maria why she is right or wrong. If possible, use a diagram.		
Clear explanation that Maria is wrong: with diagram	•	1 (2)
without diagram	•	1 (2)

Commentary

Item 3 was very difficult for the year 8 students. The 2001 results for year 8 students were very similar to the 1997 results.