

6 Frances runs a cafe. She serves 250 hot drinks one day.
The first 40 customers order these drinks.
black coffee: 10
cappuccino: 12
tea: 12
hot chocolate: 8
How many cappuccinos does she sell in the day?
Write down any assumption you make and explain how this could affect your answer.

[Total for Question 6 is 3 marks]

7 In a school club, the ratio of boys to girls is 2 : 3.
40% of the girls are from year 7.
30% of the boys are from year 8.
(a) What is the percentage of pupils in the club who are boys from year 8?

_____ %

[2 marks]

(b) Billy says that the smallest number of members in the club is 25.
Is he correct? Give a reason for your answer.

[2 marks]

[Total for Question 7 is 4 marks]