

18. A sample of boys and girls at a school yielded the following results for their eye colour.



	Blue	Brown	Green	Other	Total
Boys	28	40	10	22	100
Girls	32	30	8	10	80

There are 930 boys and 720 girls at the school. Use the results of the sample and these totals to find an estimate for the total number of pupils in the school with brown eyes.

20. A random sample of people at work revealed the following information regarding their type of job and their gender.



	Management	Clerical	Other
Female	16	63	82
Male	14	70	105

- (a) Use this information to estimate the probability that a randomly chosen person at work is in management.

[1]

- (b) Estimate the number of people in management jobs in a workforce of 700 000.

[2]