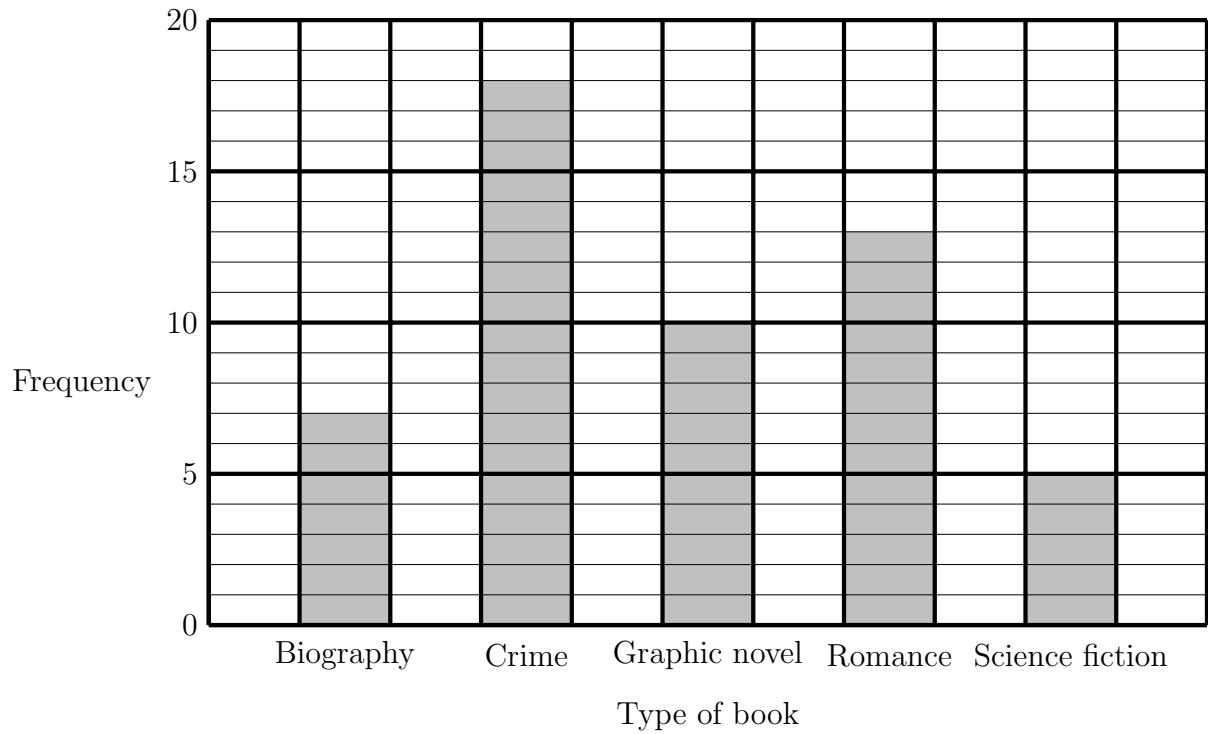1. The bar chart gives information about the last book read by members of a gym.
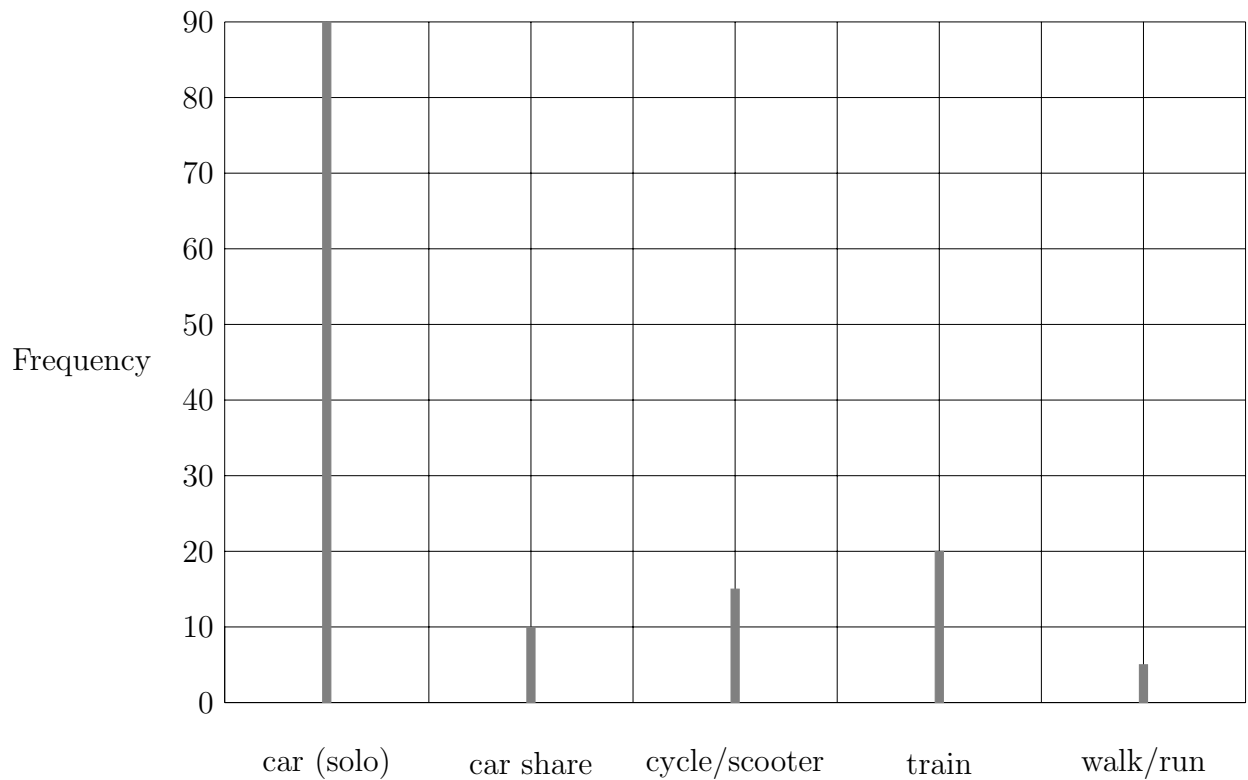

(a) How many more gym members last read a romance than a biography?

(a) . . . .

(b) How many gym members answered the question about the last book they read?

(b) . . . .

2. This line graph shows information about the mode of transport of employees at a school. The data is for the year 2010.
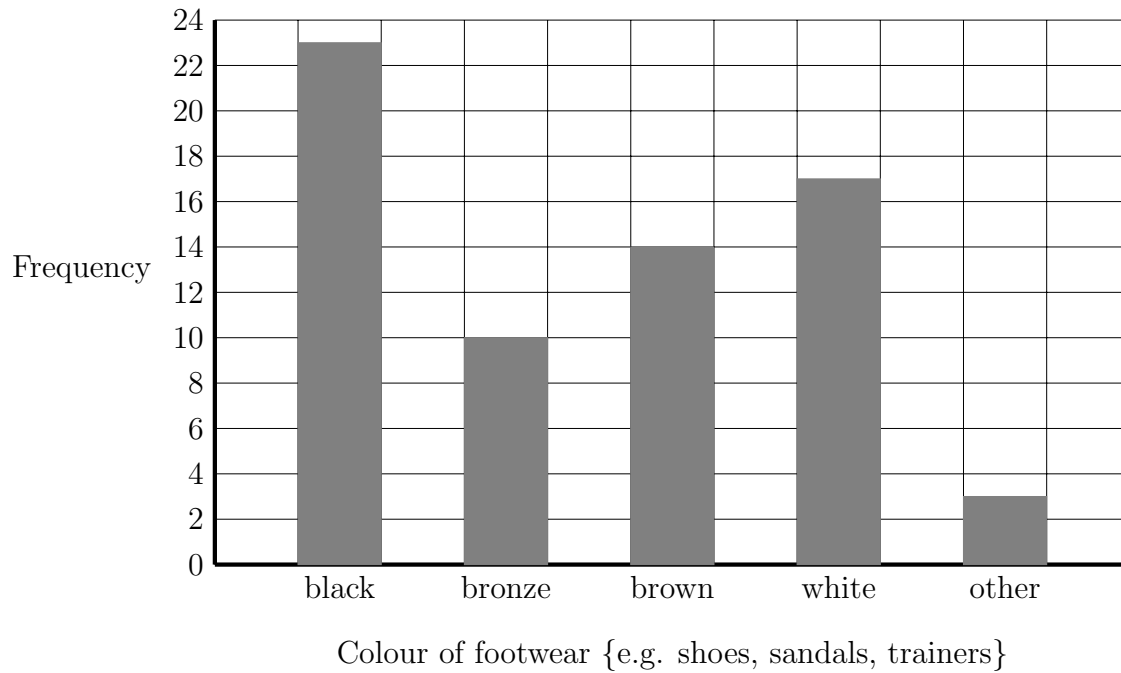

(a) How many fewer employees travelled in a car share than as solo car drivers?

(a) ....

(b) What fraction of employees walked or ran to work?

(b) ....

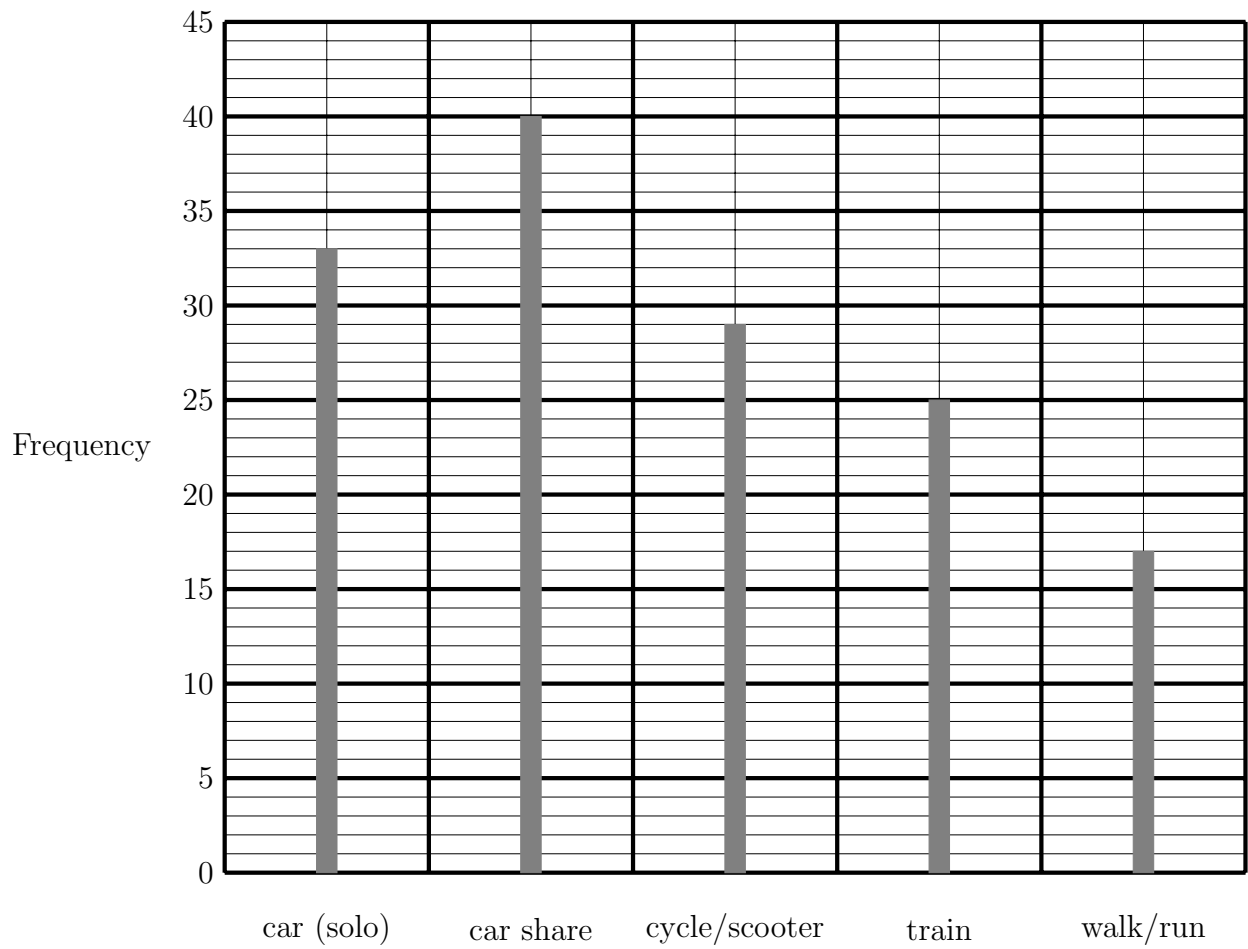3. The bar chart gives information about the colour of footwear worn to a party.

Colour of footwear {e.g. shoes, sandals, trainers}

(a) More than 17 party goers wore one colour footwear.
Write down the colour of this footwear.

(a) . . . .

(b) Abel said "At least 67 people attended the party".
Explain how you know Abel is correct.

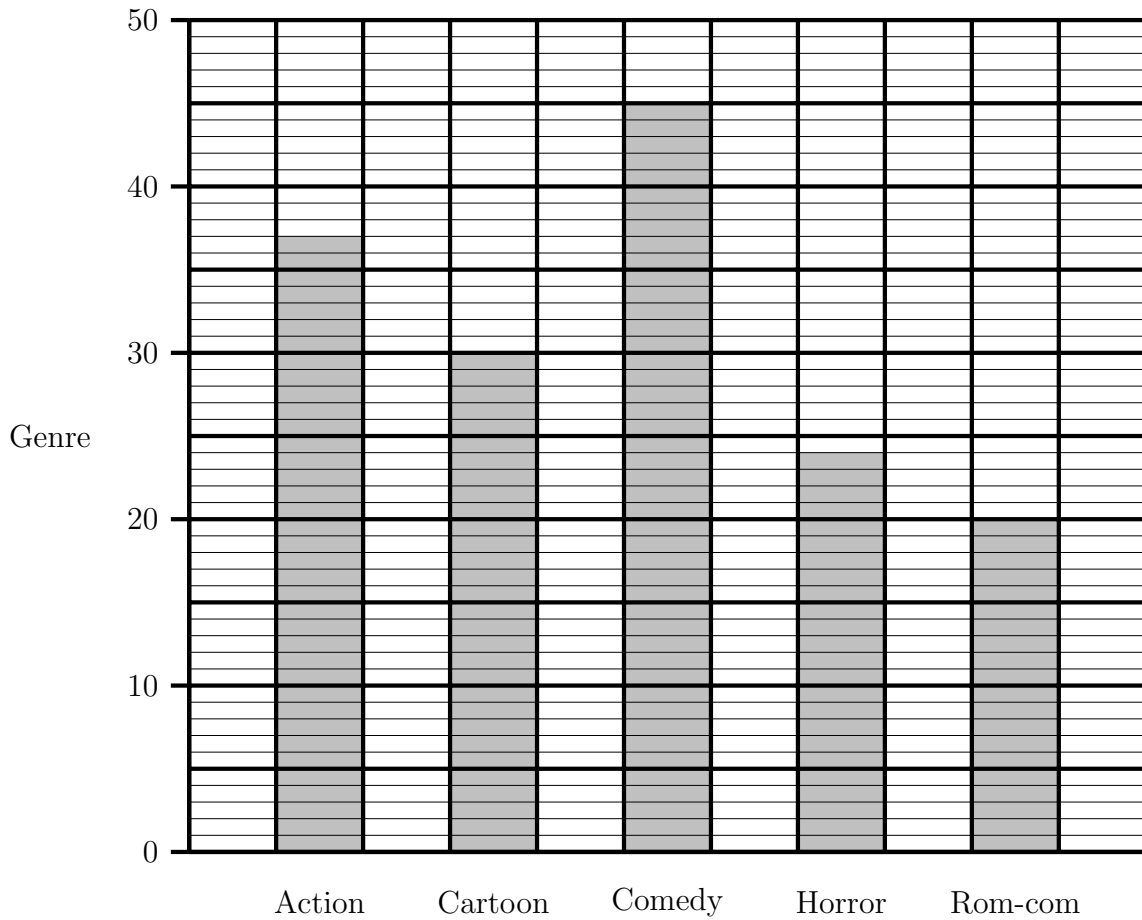(b) . . . .

4. This line graph shows information about the mode of transport of employees at a school. The data is for the year 2020.

What fraction of employees did **not** travel to work in a car?

4. . . . .

5. The bar chart gives information about the tickets bought for some movie genres in a cinema.

(a) How many fewer tickets were bought for a horror than an action movie?

(a) ....

(b) Agnes, the cinema manager, said over 160 tickets were sold.
    Is she correct?
    You must explain your answer.

....

....

Answers

1. (a) 6

   (b) 53

2. (a) 80

   (b) $\dfrac{5}{140}$ or too extra: $\dfrac{1}{28}$

3. (a) black

   (b) because $23 + 10 + 14 + 17 + 3 = 67$

4. $\dfrac{71}{144}$

5. No, only 156 were sold (because $37 + 30 + 45 + 24 + 20 = 156$)