

Topic Test 1 (20 minutes)

Collecting and representing data - Foundation

1 Here is some information about clubs at a school.

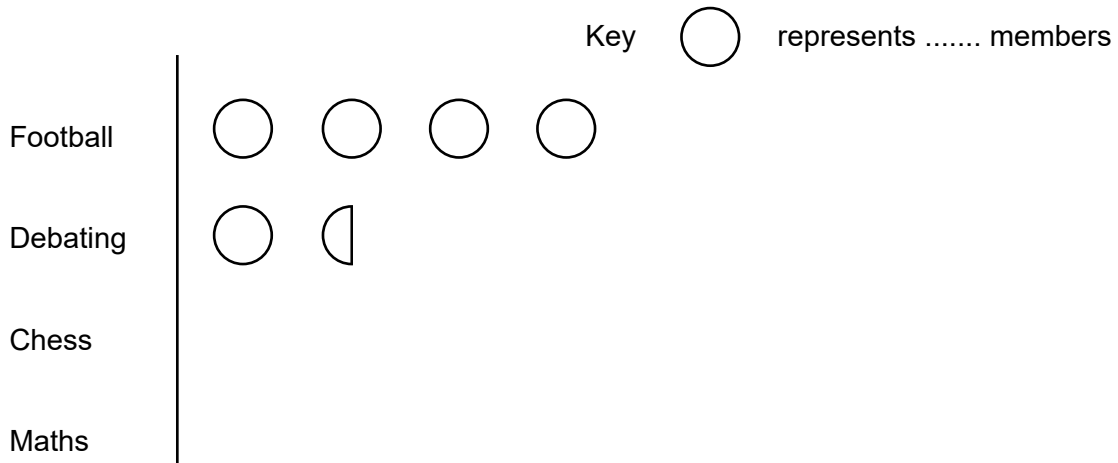
School club	Number of members
Football	40
Debating	15
Chess	20
Maths	25

Use the information to complete the pictogram.

The first two rows have been done for you.

Remember to complete the key.

[3 marks]



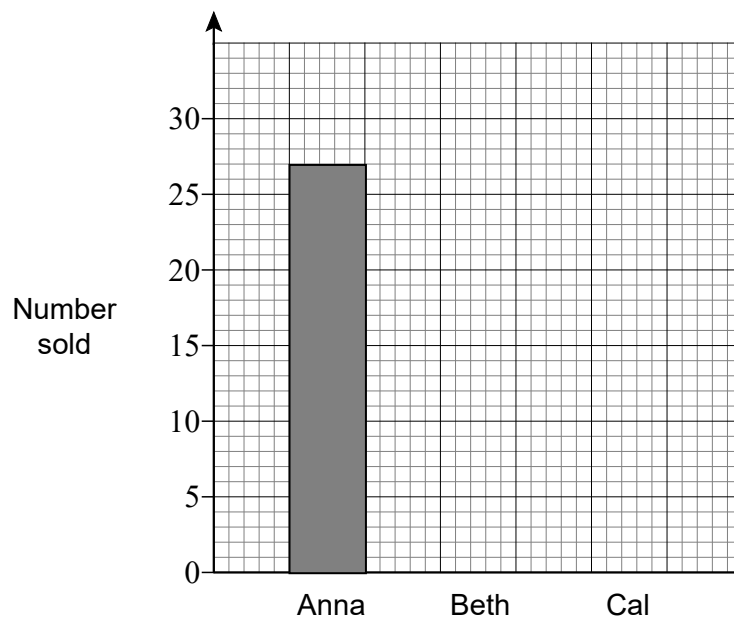
2 Anna, Beth and Cal bake and sell cakes.

Beth and Cal sell 50 cakes **in total**.

Beth sells 6 **more** than Cal.

2 (a) Draw the bars for Beth and Cal on the bar chart.

[2 marks]



2 (b) It costs Anna £1.50 to bake a cake.

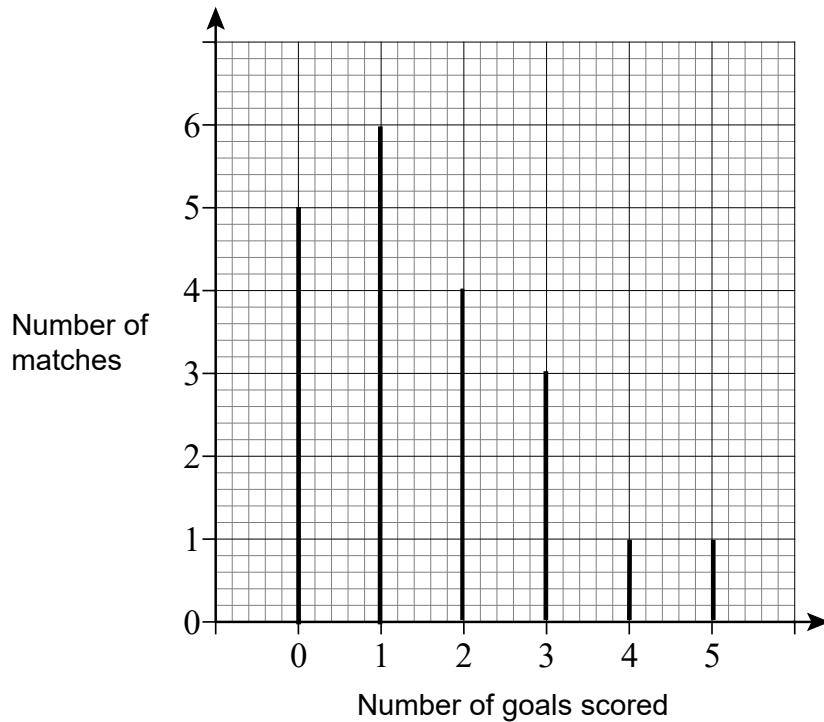
She sells them for £5 each.

How much profit does **Anna** make selling all her cakes?

[3 marks]

Answer £ _____

3 The diagram shows the number of goals scored by a team in 20 matches.



3 (a) How many times did the team only score 2 goals in a match?

[1 mark]

3 (b) Answer _____

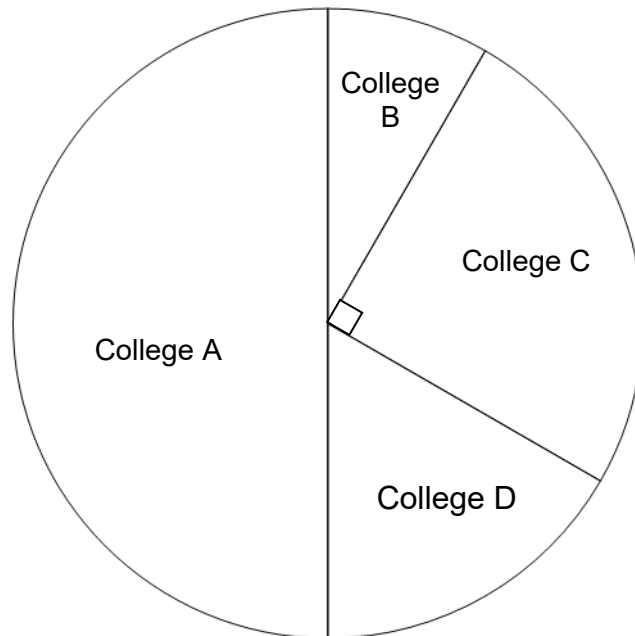
At the end of the season the team had played 24 matches.
They scored 40 goals in total.

How many goals did they score in the last 4 matches?

[2 marks]

Answer _____

4 The pie chart shows information about the number of students attending four colleges.



4 (a) What percentage of the total attend College C?

[1 mark]

Answer _____ %

4 (b)

Compare the number of students at College A with the number at the other colleges.

[1 mark]

4 (c) 1200 students attend College D.

How many students attend all the colleges?

[3 marks]

Answer _____