

Q2) The pictogram shows the items collected by Chandra.

| | | | | |
|-------|---------|--------|--------|--------|
| | ★ | | | |
| | ★ | | | |
| Stamp | ★ | ★ | | |
| | ★ | ★ | | |
| | ★ | ★ | | |
| | ★ | ★ | | |
| | ★ | ★ | | |
| | ★ | ★ | | |
| Stamp | Sticker | Eraser | Magnet | Marble |

Key ★ represents 10 items

◆ represents 5 items

(a) How many erasers did he collect?

(b) Chandra collected the most number of an item. Which type of item is this?

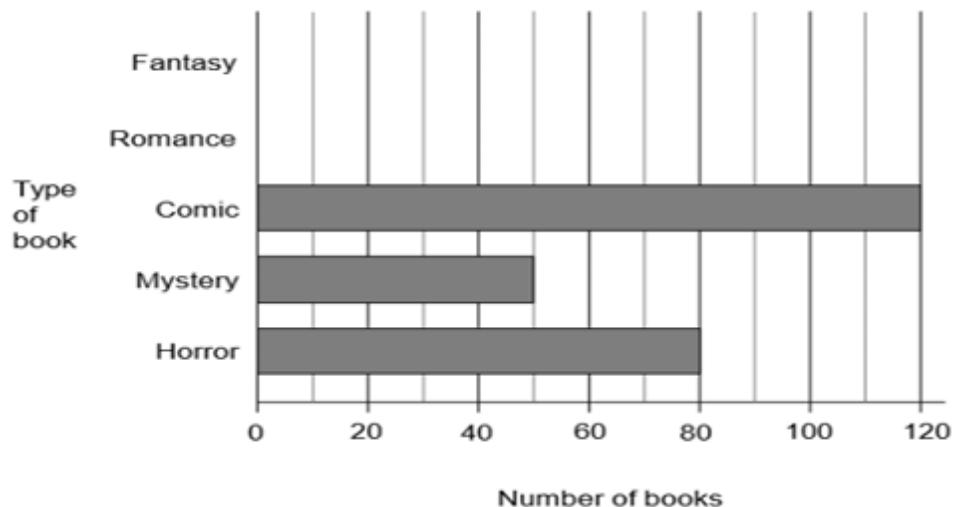
(c) Chandra collected the same number of two items. Which two types of items are these?

_____ and _____

(d) How many more marbles than magnets did he collect?

(e) How many items did he collect altogether? _____

Q3) The bar chart shows the collection of books in a library.



(a) There are 30 romance books and 100 fantasy books in the library.

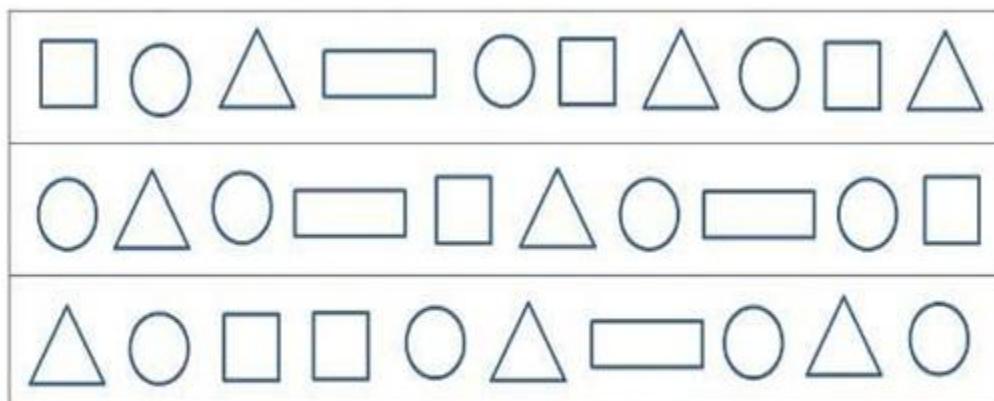
Complete the bar chart.

(b) How many mystery books are there? _____

(c) How many more comic books than horror books are there?

(d) How many books are there in the library altogether? _____

Q4) Count the number of shapes in each category and draw a tally for each one.
Tick them off as you count them.



| | TALLY | NUMBER |
|---|-------|--------|
| □ | | |
| ○ | | |
| △ | | |
| □ | | |

Which is the most common shape? _____

Q5) Mia writes information about her friends in a table.

| Name | Eye colour | Hair colour |
|--------|------------|-------------|
| Mike | Brown | Brown |
| Carlos | Green | Black |
| Lily | Blue | Blond |
| Samira | Brown | Black |

She organises this information in a Carroll diagram.

| | | |
|-------|--------|----------------|
| | | |
| | Mike | |
| | Samira | Carlos Lily |

Complete her Carroll diagram.

Q8)

Here is a Venn diagram.



Use the information in this Venn diagram to answer these questions.

(a) How many children play a team sport **and** go swimming?

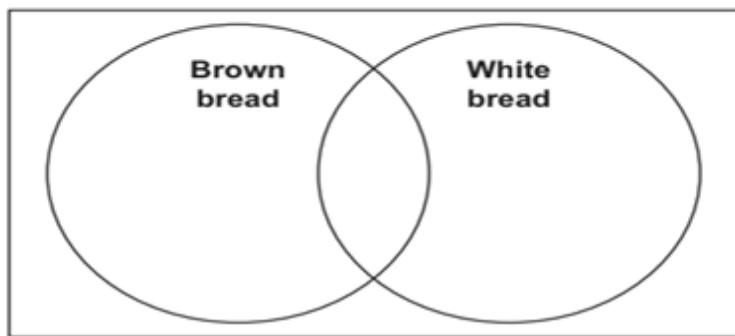
children

(b) Write the name of a child who does **not** play a team sport and does **not** go swimming.

Q10) The children in Class 5 record the type of bread everyone eats.
The number of children in each group is shown on this Carroll diagram.

| | Brown bread | Not brown bread |
|-----------------|-------------|-----------------|
| White bread | 12 | 17 |
| Not white bread | 6 | 2 |

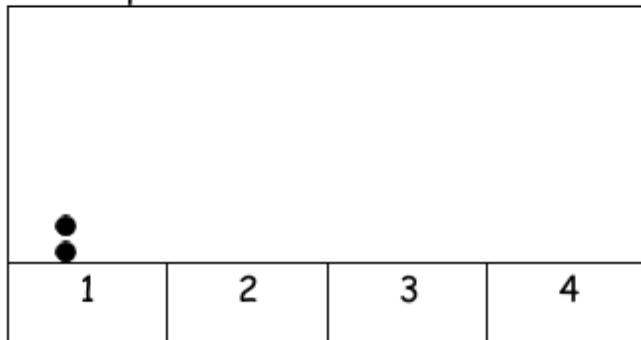
Write the same information on this Venn diagram.



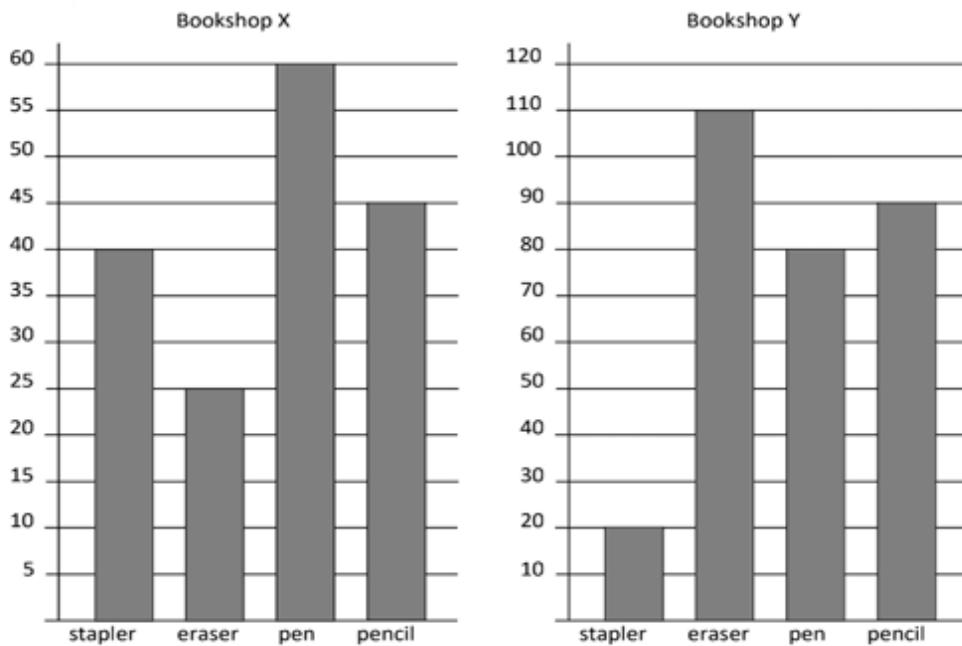
Q11) Mike collected seashells at a beach for 4 days.
The table shows the number of seashells he collected each day.

| Day | 1 | 2 | 3 | 4 |
|---------------------|---|---|---|---|
| Seashells collected | 2 | 5 | 6 | 3 |

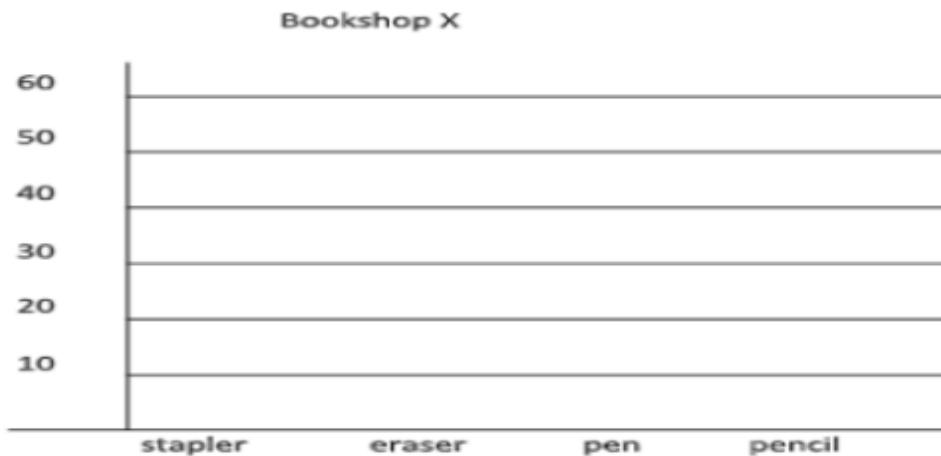
Complete the dot plot below with the data above.



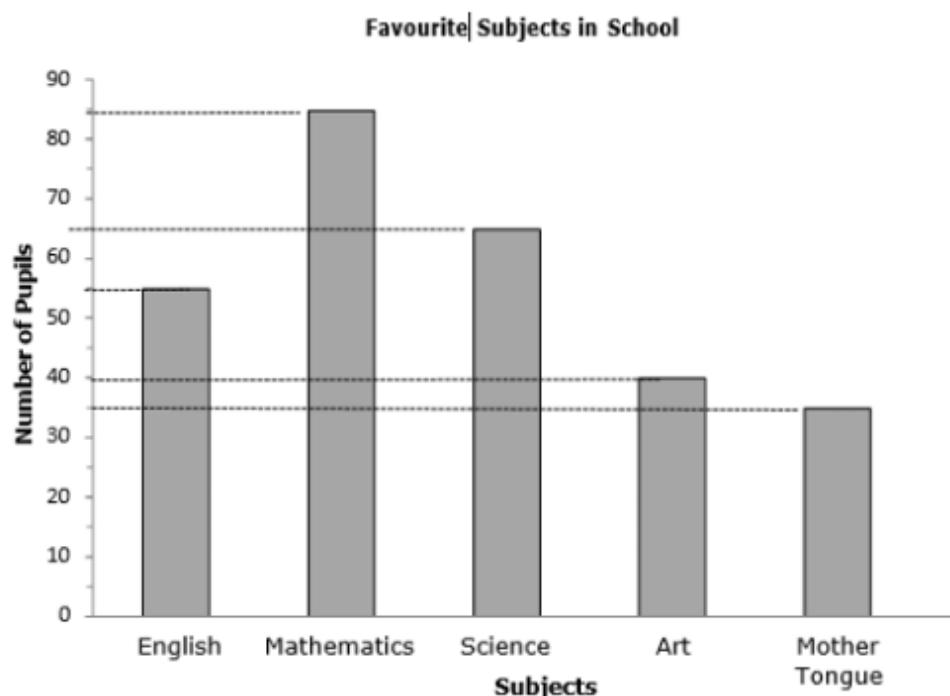
Q14) The bar charts show the number of stationery sold in two different bookshops in one month.



Complete the bar chart for Bookshop X using the same scale as that of Bookshop Y.



Q15) The bar chart shows the favorite subjects of students in a school.



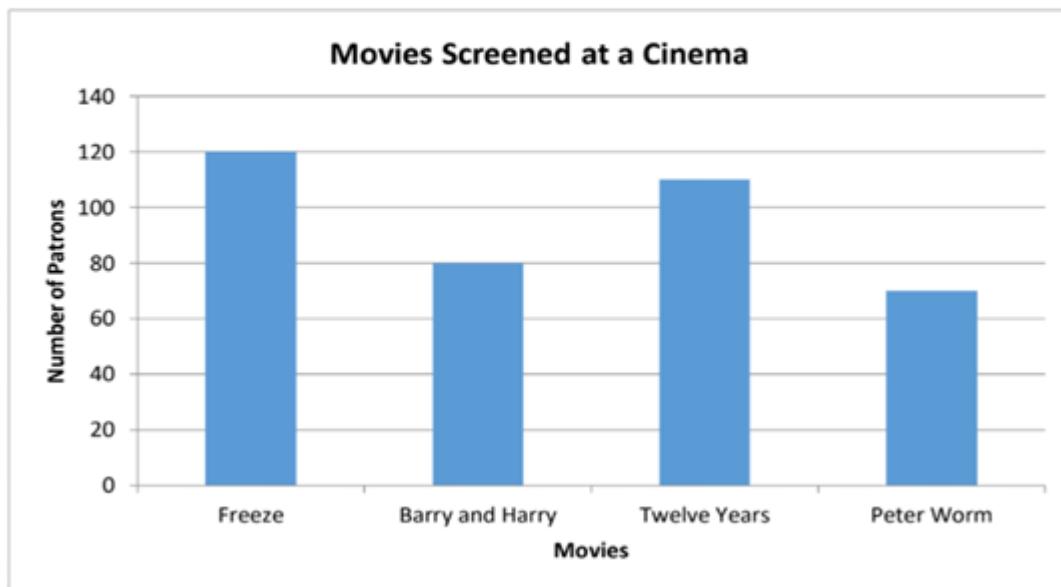
(a) 35 pupils like _____.

(b) 55 pupils like _____.

(c) _____ pupils like Science.

(d) _____ pupils like Art than Mother Tongue.

Q16) The bar chart shows the number of people who watched the movies that were screened at a cinema last week.



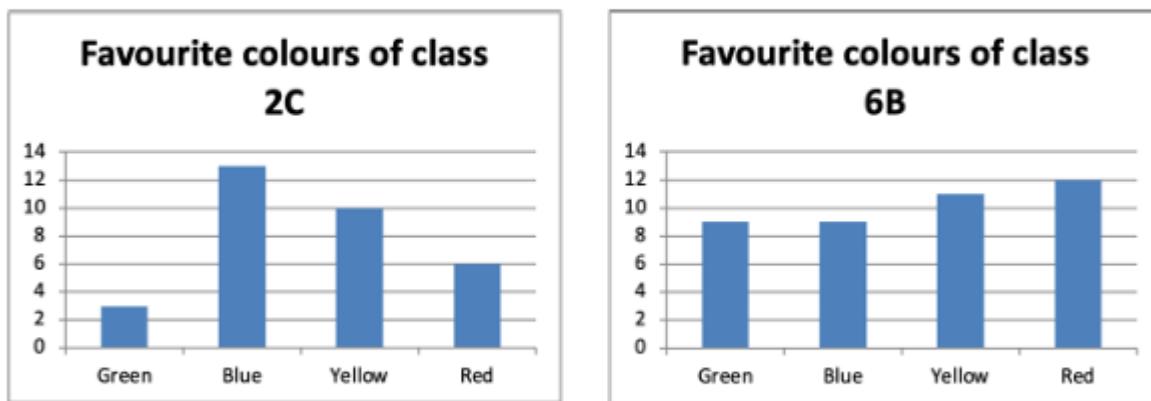
Each ticket costs \$9.

(a) ~~How much money was earned from the sale of tickets for Peter Worm?~~

How many Patrons watched Peter Worm? _____

(b) Students can buy a movie ticket for \$7. Half of the people watched Barry and Harry were students. How much money was earned from the sale of students' tickets for Barry and Harry?

Q18) The bar charts below show the favourite colours of students of class 2C and class 6B.



Tick (✓) the statements that describe the graphs correctly.

| | |
|---|--|
| 1. The difference between the number of students who like blue and green in Class 2C is the greatest. | |
| 2. In class 6B, the number of students whose favourite colour is blue is the same as green. | |
| 3. The data for class 2C varies more than the data from class 6B. | |

Chapter 11: Extra Practice

1. The dot plot shows the quiz results of a group of students.



(a) How many students are there?

There are _____ students.

(b) Find the maximum score and the minimum score.

Maximum score: _____, minimum score: _____

(c) How many students scored 9 marks?

_____ students scored 9 marks.

(d) What fraction of the students scored more than 8 marks?

_____ of the students scored more than 8 marks.