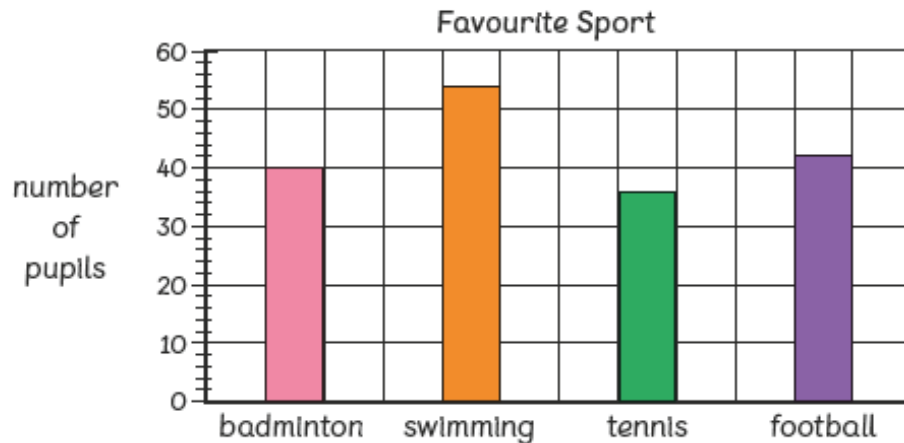


11.01.21

LO: I can interpret and present data using scaled bar charts

In Focus

The bar graph shows the number of pupils who like different sports.



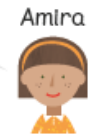
Three pupils are talking about the graph.



Sam
The largest number of pupils like swimming.
The smallest number of pupils like football.



Ravi
38 pupils like tennis.
More pupils like badminton than tennis.



Amira
14 more pupils like swimming than badminton.
Fewer than 40 pupils like tennis.

Whose statements are all correct?

Use a ruler to help you see where the top of the bar is.

Challenge: write a small explanation to show how you can read the bar chart easily.

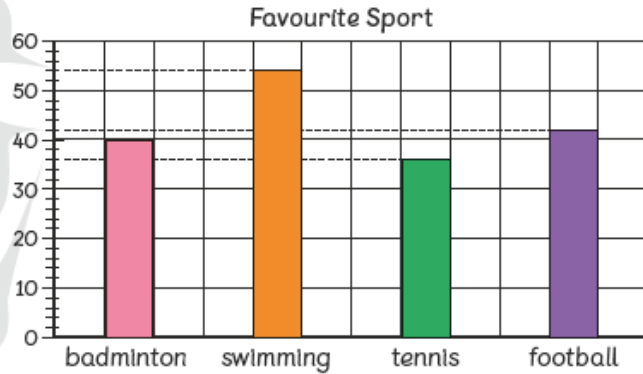
Let's Learn

1 For Sam :

The largest number of pupils like swimming.

The number of pupils who like football is not the smallest.

The smallest number of pupils like tennis.



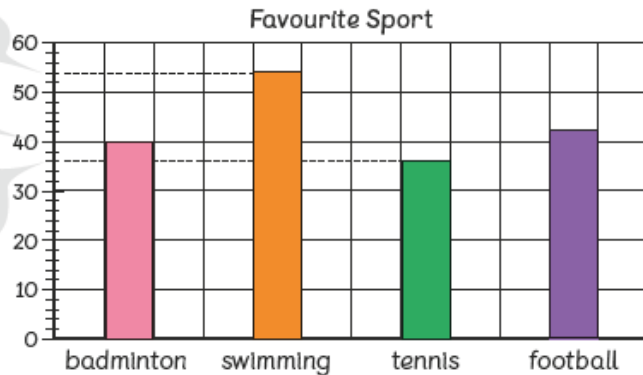
Sam's statements are not all correct.

2 For Amira :

54

40

Fewer than 40 pupils like tennis.



$$54 - 40 = 14$$

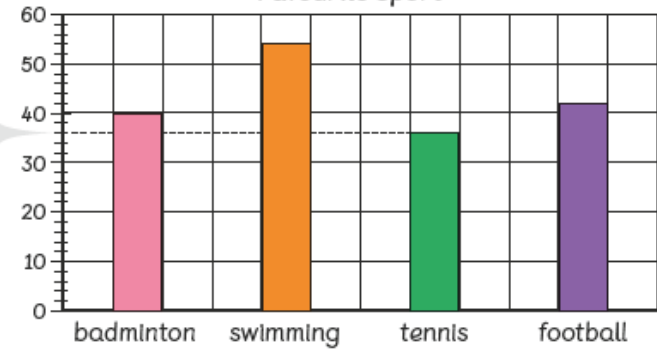
14 more pupils like swimming than badminton.

Amira's statements are all correct.

3 For Ravi :

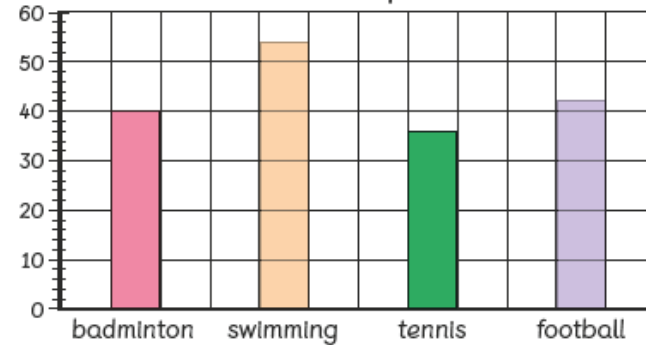
40
38
36
34
32
30

Favourite Sport



36 pupils like tennis, not 38.

Favourite Sport



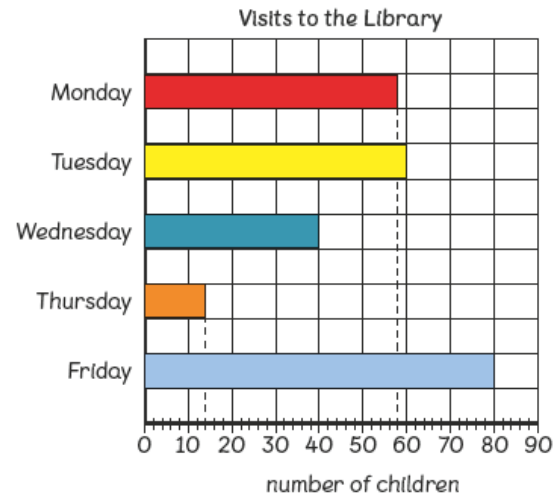
More pupils like badminton than tennis.

Can you tell how many more?

Ravi's statements are not all correct.

Guided Practice

The bar graph shows the number of children who visited the library over five days.



Look at the bar graph.

- (a) children visited the library on Thursday.
- (b) The greatest number of children visited the library on .
- (c) 18 fewer children visited the library on than on Monday.
- (d) Twice as many children visited the library on than on Wednesday.

Complete Worksheet 5 – Page 77 – 80

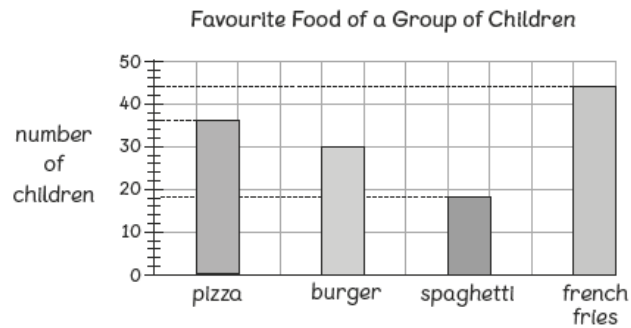
Name: _____ Class: _____ Date: _____

Worksheet 5

Reading Bar Graphs

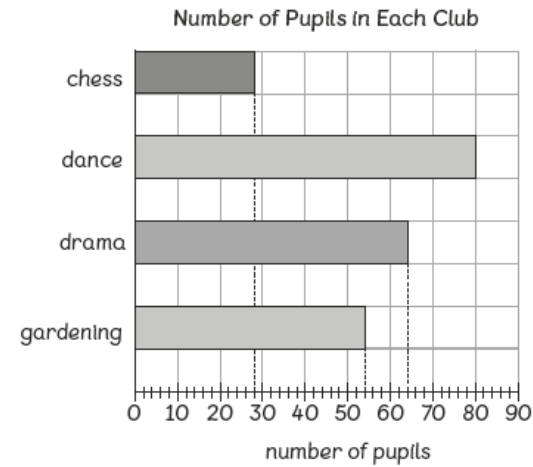
Fill in the blanks.

1 The bar graph below shows some children's favourite foods.



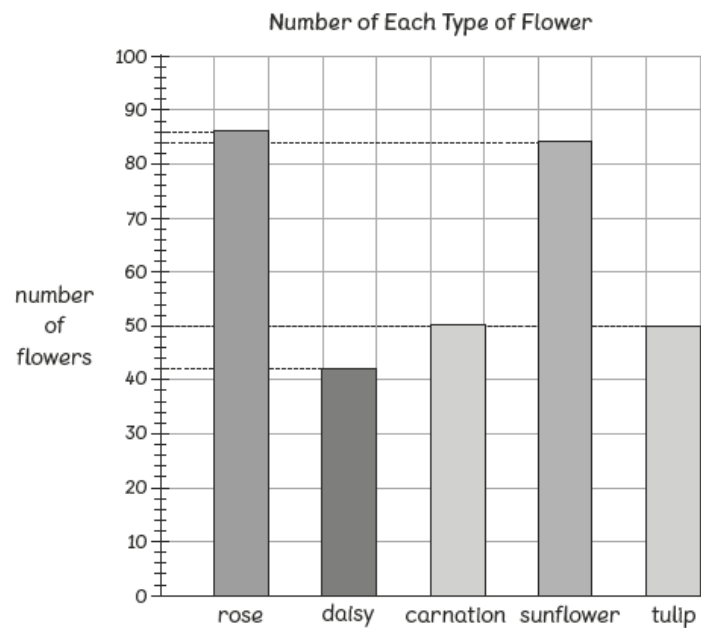
- (a) How many children like burgers?
- (b) How many children like pizza?
- (c) Which food is the most popular?
- (d) Which food is the least popular?

2 The bar graph below shows the number of pupils in each club.



- (a) How many pupils are there in the gardening club?
- (b) How many pupils are there altogether in the chess club and the dance club?
- (c) Which club has the most pupils?
- (d) Which club has the least number of pupils?
- (e) The drama club has more pupils than the gardening club has.

- 3 The bar graph below shows the number of each type of flower at a flower shop.



- (a) How many daisies are there at the flower shop?
- (b) How many sunflowers are there at the flower shop?
- (c) How many roses and tulips are there altogether at the flower shop?
- (d) Of which type are there the most?
- (e) Of which type are there the least?
- (f) There are as many as .
- (g) There are more sunflowers than carnations.
- (h) There are fewer sunflowers than roses.
- (i) There are twice as many as .
- (j) How many flowers are there altogether at the flower shop?