

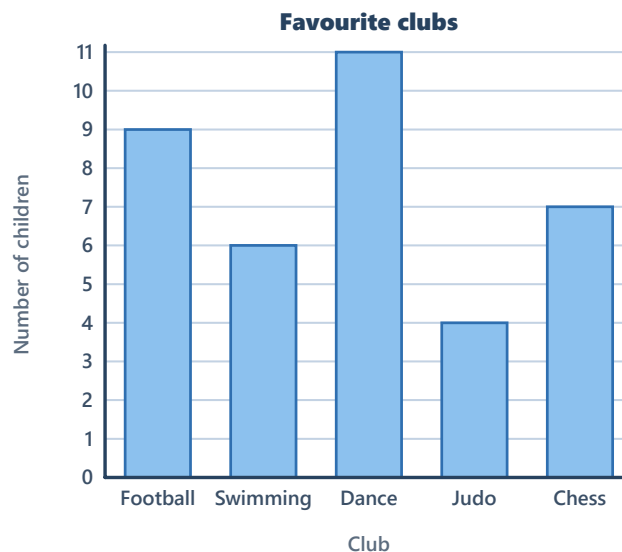
Year 4: Reading bar charts: answers

Year 4 - Pictograms, Bar Charts and Time Graphs - Lesson 11.3

Answers. Final answers to the worksheet questions. Full step-by-step solutions for every question are free at websink.site/ks2-sats/maths/year-4/ch11-statistics/reading-bar-charts/

Exercise 11C Reading bar charts Non-calculator

1 Read the bar chart. The scale goes up in 1s.



(a) How many children chose football?

Answer: 9

(b) How many children chose dance?

Answer: 11

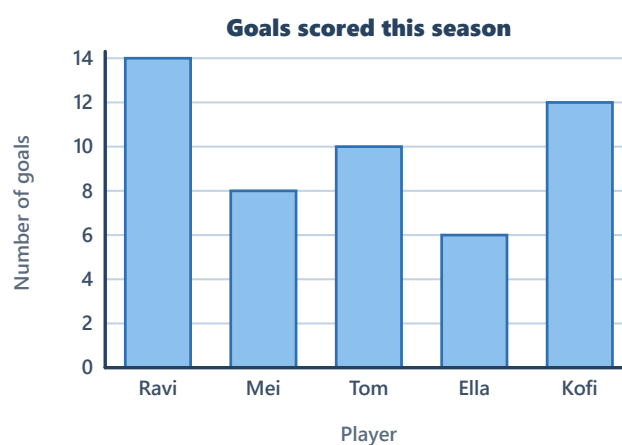
(c) How many children chose judo?

Answer: 4

(d) Which club is the least popular?

Answer: Judo

2 The scale goes up in 2s.



(a) How many goals did Ravi score?

Answer: 14

(b) How many goals did Ella score?

Answer: 6

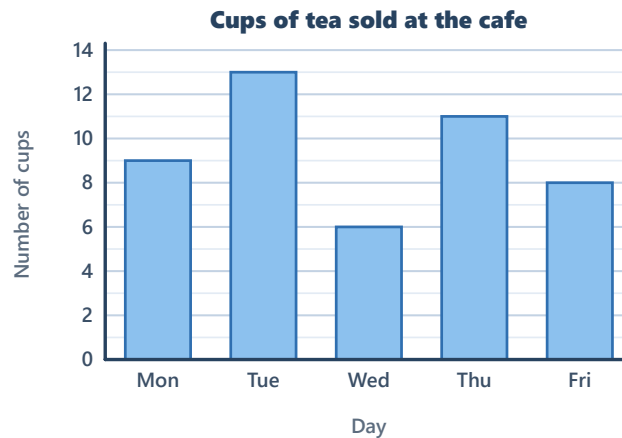
(c) Which player scored 10 goals?

Answer: Tom

(d) How many goals did the five players score altogether?

Answer: 50

3 The numbers go up in 2s, but each gap is worth 1.



(a) How many cups of tea were sold on Mon?

Answer: 9

(b) How many cups of tea were sold on Tue?

Answer: 13

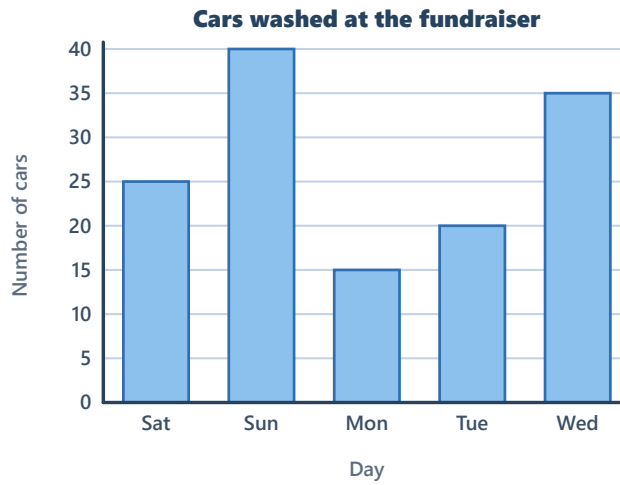
(c) How many cups of tea were sold on Wed?

Answer: 6

(d) How many more cups were sold on Tuesday than on Friday?

Answer: 5

4 The scale goes up in 5s.



(a) How many cars were washed on Saturday?

Answer: 25

(b) How many cars were washed on Tuesday?

Answer: 20

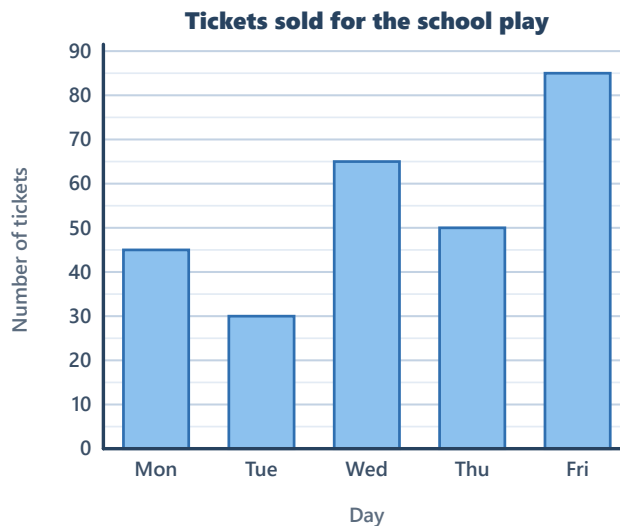
(c) How many cars were washed on Sunday and Monday together?

Answer: 55

(d) How many cars were washed in the five days?

Answer: 135

5 The numbers go up in 10s. There is a gridline halfway between the numbers.



(a) How many tickets were sold on Mon?

Answer: 45

(b) How many tickets were sold on Wed?

Answer: 65

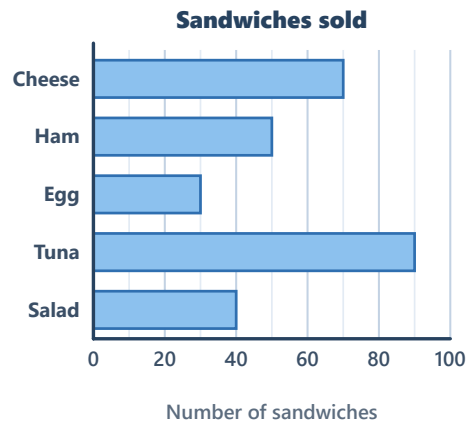
(c) How many tickets were sold on Fri?

Answer: 85

- (d) On which day were 30 tickets sold?

Answer: Tue

- 6 This is a horizontal bar chart. The scale goes up in 20s. Each small gap is worth 10.



- (a) How many cheese sandwiches were sold?

Answer: 70

- (b) How many egg sandwiches were sold?

Answer: 30

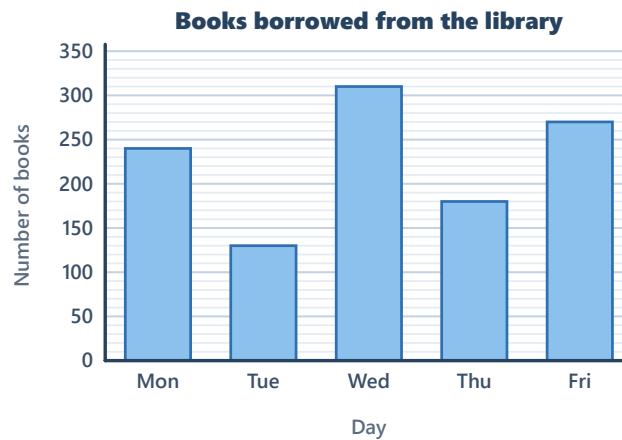
- (c) Which sandwich was the most popular?

Answer: Tuna

- (d) How many more tuna sandwiches than egg sandwiches were sold?

Answer: 60

- 7 The scale goes up in 50s. Each small gap is worth 10.



- (a) How many books were borrowed on Mon?

Answer: 240

- (b) How many books were borrowed on Tue?

Answer: 130

- (c) How many books were borrowed on Thu?

Answer: 180

- (d) On which day were 310 books borrowed?

Answer: Wed

- 8 The numbers on a scale go up in the step shown. Work out what **one small gap** is worth.

- (a) The numbers go up in 2s. There are 2 gaps between each pair of numbers.

Answer: 1

- (b) The numbers go up in 10s. There are 5 gaps between each pair of numbers.

Answer: 2

- (c) The numbers go up in 20s. There are 4 gaps between each pair of numbers.

Answer: 5

- (d) The numbers go up in 50s. There are 5 gaps between each pair of numbers.

Answer: 10

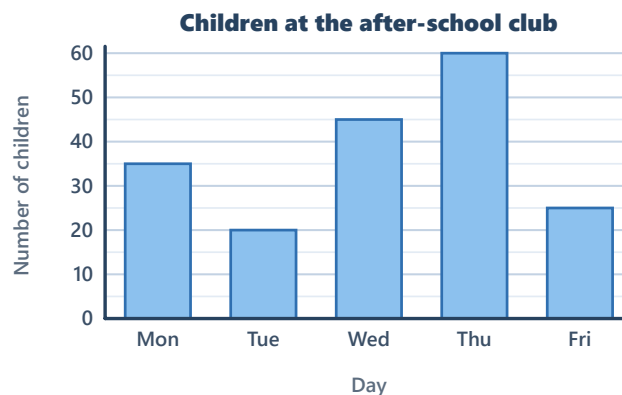
- (e) The numbers go up in 10s. There are 2 gaps between each pair of numbers.

Answer: 5

- (f) The numbers go up in 5s. There are 5 gaps between each pair of numbers.

Answer: 1

- 9 Look at the chart of children at the after-school club.



- (a) On which day were the most children at the club?

Answer: Thu

- (b) How many children were at the club on Monday?

Answer: 35

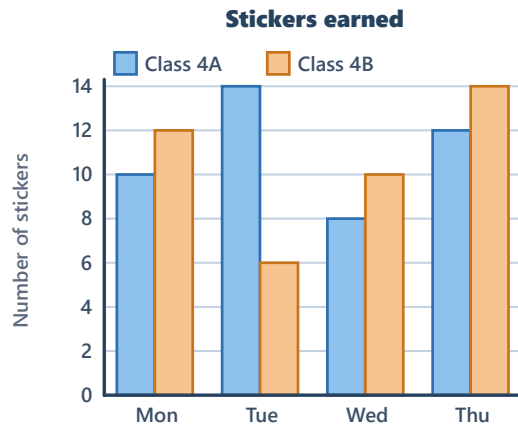
- (c) What is the difference between the biggest number and the smallest number of children?

Answer: 40

- (d) How many more children were there on Wednesday than on Tuesday?

Answer: 25

- 10 The bar chart shows the stickers earned by two classes. The blue bars are Class 4A and the orange bars are Class 4B.



- (a) How many stickers did Class 4A earn on Tuesday?

Answer: 14

- (b) How many stickers did Class 4B earn on Tuesday?

Answer: 6

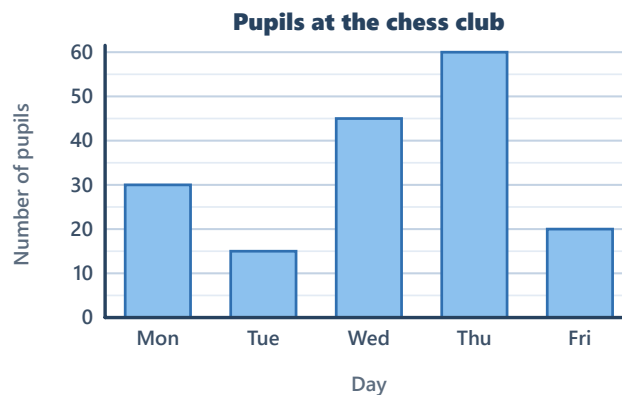
- (c) How many stickers did Class 4A earn in the four days?

Answer: 44

- (d) How many stickers did Class 4B earn in the four days?

Answer: 42

- 11** Write **true** or **false** for each statement about the chess club chart.



- (a) More pupils came on Wednesday than on Monday.

Answer: True

- (b) Thursday had twice as many pupils as Monday.

Answer: True

- (c) Friday had 25 pupils.

Answer: False

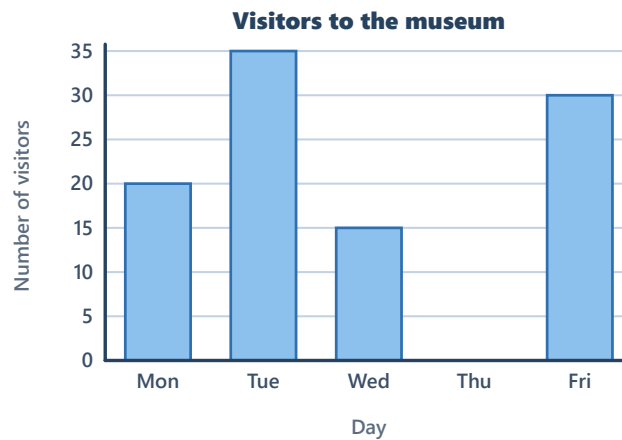
- (d) Tuesday had fewer pupils than Friday.

Answer: False

- 12** Mr Khan makes a bar chart of the days it rained and the days it was dry. He says, "The bar chart has bars that go up to 10, so each gridline must be worth 1." Why might he be wrong? What should he check?

Answer: The scale might not go up in 1s. Check the numbers on the scale

- 13** Part of the bar chart is covered by an ink blot. The bar for Thursday cannot be seen. In total, 125 visitors came in the week. How many came on Thursday?



Answer: 25