

Year 4 Statistics

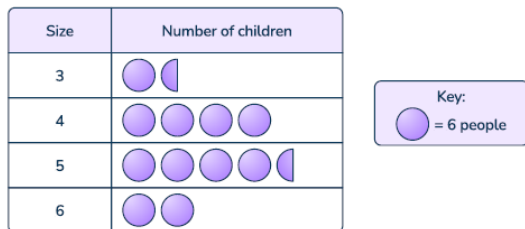
Tick your answer to each question, like in the example below. You can use any space left below or around a question for your working out, if you need it.

Example Question

$$1,435 + 2,870 =$$

- a 3,205
- b 4,305
- c 3,295
- d 5,110

The pictogram shows how many people chose specific shoe sizes during a day of sales in a popular shoe shop.



Use the pictogram to answer questions 1 to 5.

- 4 How many people were not a size 6?

- a 60
- b 10
- c 12
- d 69

- 5 6 more children were asked what their shoe size was. They were all size 4. After these children are added to the pictogram, how many whole circle symbols would there be in total in the size 4 row?

- a 10
- b 5
- c 1
- d 30

- 1 How many people chose size 5 shoes?

- a $4\frac{1}{2}$
- b 30
- c 27
- d 12

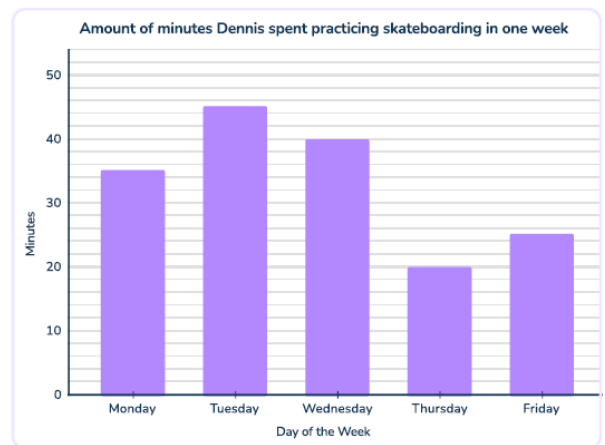
- 2 Which size was the least common?

- a Size 5
- b Size 6
- c Size 3
- d 9

- 3 How many fewer people were a size 3 than a size 5?

- a 36
- b 9
- c 3
- d 18

The bar chart shows the amount of minutes Dennis spent practising skateboarding throughout the week.



Use the bar chart to answer questions 6 to 10.

- 6 How many minutes did Dennis spend skateboarding on Monday?

- a 40
- b 30
- c 35
- d 31

7 Which day did Dennis spend the second longest time practising skateboarding?

- a Tuesday
- b Thursday
- c Friday
- d Wednesday

8 What is the difference between the minutes Dennis spent practising skateboarding on Monday and Thursday?

- a 10 minutes
- b 15 minutes
- c 35 minutes
- d 55 minutes

9 Look at how many minutes Dennis spent skateboarding on Monday. Which day did he spend 10 minutes less than this skateboarding?

- a Tuesday
- b Friday
- c Thursday
- d Wednesday

12 Who played the most games?

- a Alastair
- b Rosie
- c Hanna
- d Siobhan

13 Who won the least amount of chess games?

- a Siobhan
- b Rosie
- c Nathaniel
- d Hanna

14 What was the greatest number of games a player lost?

- a 27
- b 28
- c 48
- d 15

10 How many minutes did Dennis spend skateboarding on Monday, Wednesday and Friday in total?

- a 100 minutes
- b 120 minutes
- c 90 minutes
- d 110 minutes

The table shows the amount of chess games the children played and their scores.

Name	Number of games played	Won	Lost
Hanna	43	16	20
Siobhan	29	19	26
Nathaniel	39	19	27
Alistair	48	26	22
Rosie	43	28	15

Use the table to answer questions 11 to 15.

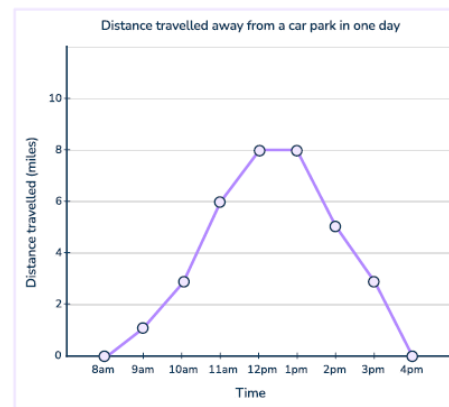
11 How many games did Alistair lose?

- a 48
- b 22
- c 26
- d 20

15 What is the difference between the amount of games Nathaniel played and the amount that Rosie played?

- a 82
- b 4
- c 39
- d 9

David went on a hike and tracked the distance he travelled away from the car park.



Use the line graph to answer questions 16 to 20.

16 At which time was David first 3 miles away from the car park?

- a 3pm
 - b 10am
 - c 11am
 - d You cannot tell as '3 miles' is not marked on the y-axis.
-

17 What happened between 12pm and 1pm?

- a David stopped walking for an hour.
 - b David walked quickly for an hour.
 - c David started to walk back to the car park.
 - d David continued to walk away from the car park.
-

18 How far away from the car park was David at 2pm?

- a 5 miles
- b 4 miles
- c 6 miles
- d 4.5 miles

19 How long did it take David to travel 8 miles away from the car park?

- a 12pm
 - b 5 hours
 - c 4 hours
 - d 8 hours
-

20 How far did David walk in total?

- a 8 miles
- b 10 miles
- c 16 miles
- d 9 miles