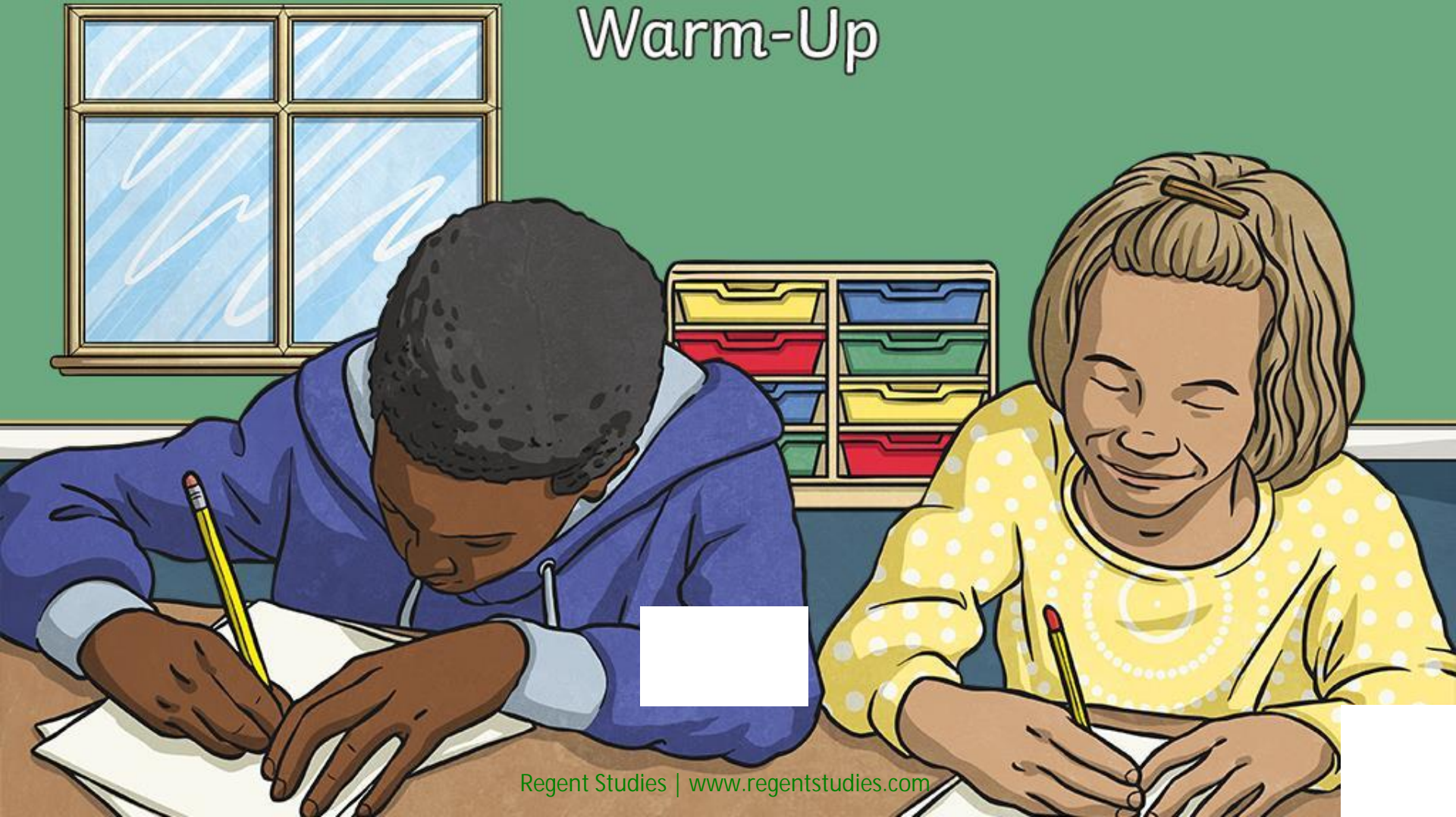


Statistics

Warm-Up



Aim

Interpret and present data using bar charts, pictograms and tables

Solve one-step and two-step questions using information presented in scaled bar charts, pictograms and tables.

Interpret Data Using Bar Charts

How many children preferred athletics?

7

What is the difference in popularity between swimming and athletics?

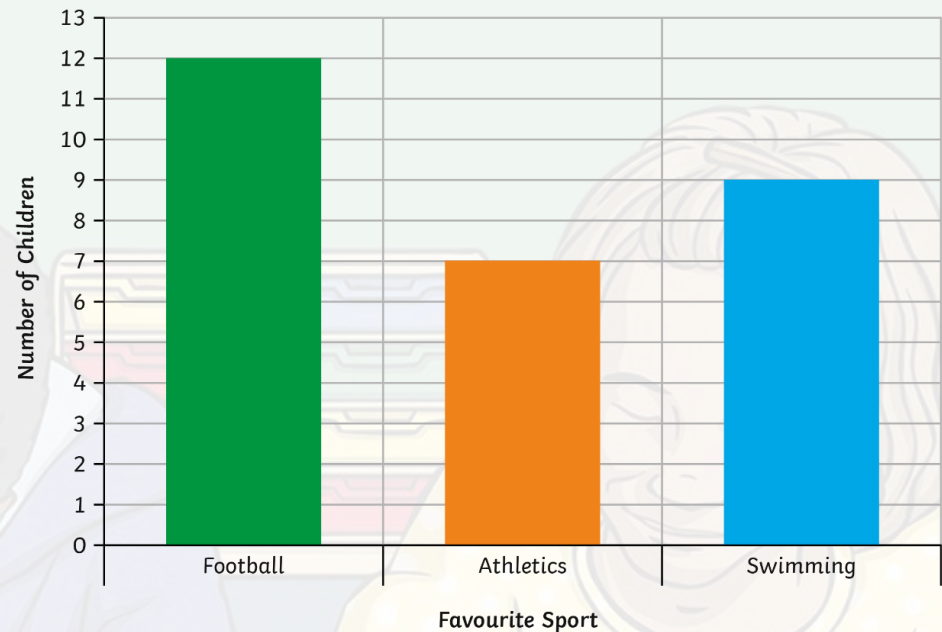
2

How many children said football was their favourite sport?

12

30 children were meant to vote. How many didn't vote?

2



Hide Answers

Interpret Data Using Bar Charts

How many children like salt and vinegar?

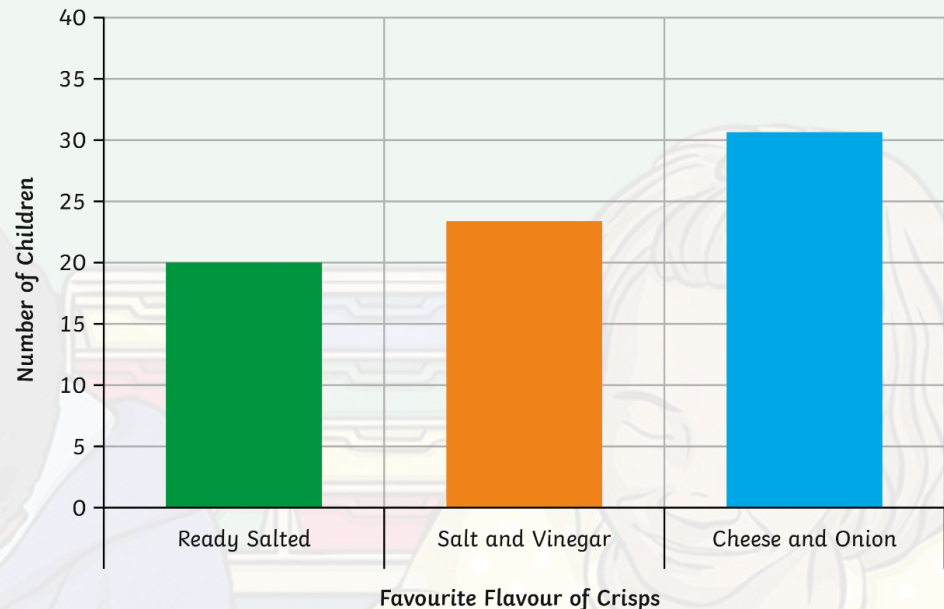
23

How many children like cheese and onion flavour?

31

How many more children like cheese and onion compared to ready salted?

11



Hide
Answers

Present Data Using a Bar Chart

Use this data to create your own bar chart. Remember to label both axis and to give your bar chart a title.

How we travel to school in Class 8	Number of votes
walk	8
school bus	6
car	10
bike	7

Interpret Data Using Pictograms

How many children like apples?

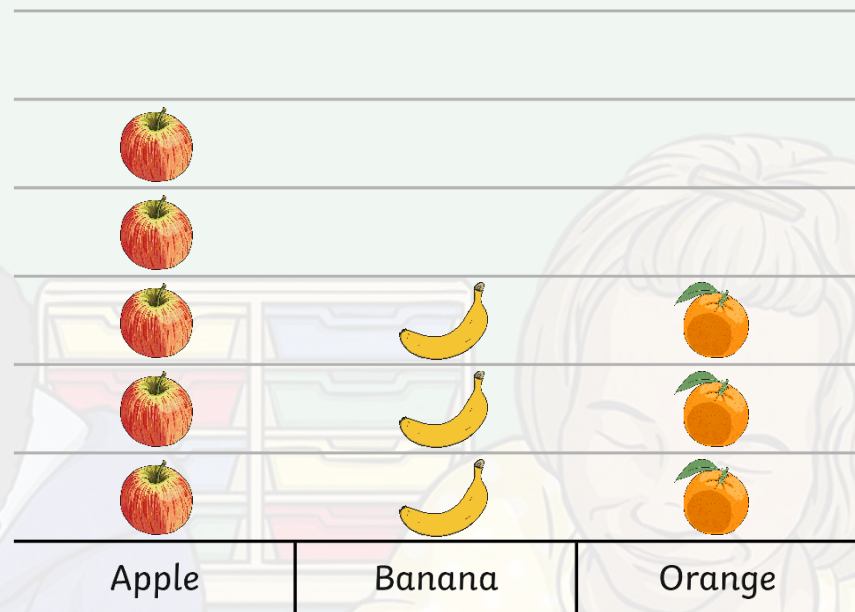
5

Which is the least popular fruit?

Bananas and oranges

How many children voted altogether?

11



Part of this pictogram is missing. 8 people voted for strawberries, 6 voted for pear and 3 voted for grapes. How many children voted altogether, including votes for apples, bananas and oranges?

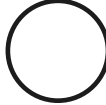
28

Hide Answers

Interpret Data Using Pictograms

How many children like blue?

7

 = 2 children

How many children liked red, blue and pink?

21

How many votes did the most popular colour receive?

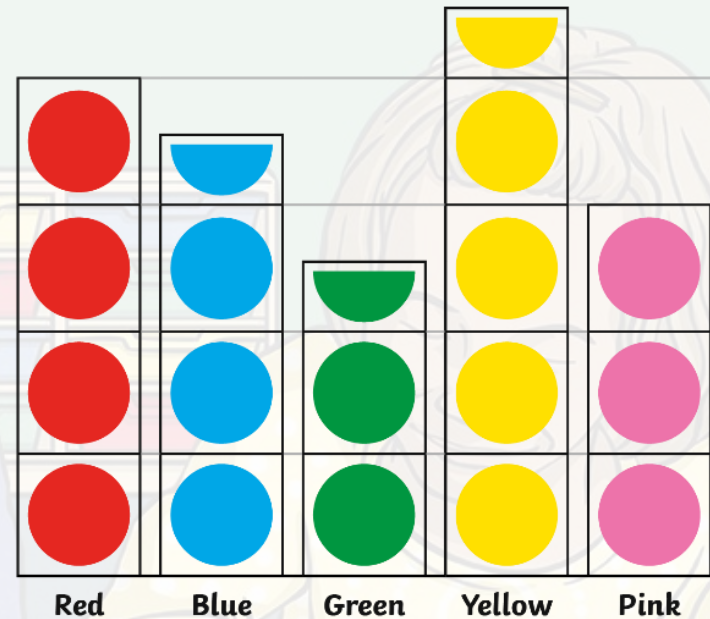
9

How many children voted altogether?

35

What is the difference in the number of votes for green and red?

3



Hide Answers

Present Data Using a Pictogram

Use this data to create your own pictogram. Remember to label both axis and to give your pictogram a title.

Favourite pets	Number of votes
fish	4
cat	11
rabbit	7
dog	16

Interpret Data Using Tables

Children were asked to vote for a name for their new class pet.

Name choice	Number of votes
Pebbles	6
Nemo	11
Comet	9
Bubbles	14
Stripes	4

Which name won the vote?

Bubbles

Which name came second?

Nemo

How many votes did Stripes, Comet and Pebbles receive altogether?

19

What is the difference in the number of votes between the most popular and the least popular name choices?

10

Hide
Answers

Interpret Data Using Tables

Class 7 baked and sold buns after school to raise money for charity. They sorted the money they had raised and recorded the number of each coin in the table.

1p	2p	5p	10p	20p	50p	£1
18	15	40	72	9	8	15

Which coin was most commonly used to pay?

10p coin

How much was raised in 10p coins?

£7.20

How much was raised in 2p coins?

30p

How much was raised in 20p coins?

£1.80

How much was raised in 5p coins?

£2.00

How much was raised in 50p coins?

£4.00

How much less was raised in 2p coins compared to 5p coins?

£1.70

How much more was raised in 50p coins than in 20p coins?

£2.20

How much was raised altogether?

£30.48

Hide
Answers

Aim

Interpret and present data using bar charts, pictograms and tables

Solve one-step and two-step questions using information presented in scaled bar charts, pictograms and tables.

