

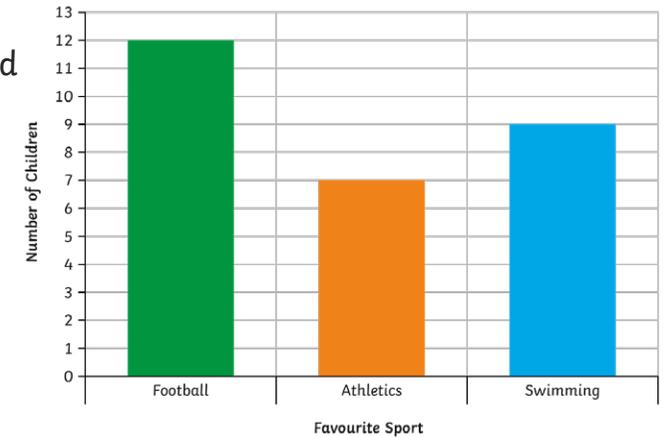
Statistics Challenge Cards



Statistics

Question 1

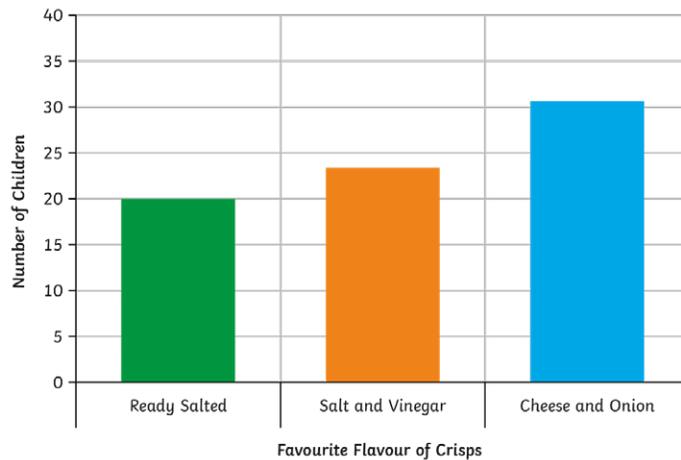
- How many children preferred athletics?
- What is the difference in popularity between swimming and athletics?
- How many children said football was their favourite sport?
- 30 children were meant to vote. How many didn't vote?



Statistics

Question 2

- How many children like salt and vinegar?
- How many children like cheese and onion flavour?
- How many more children like cheese and onion compared to ready salted?



Statistics

Question 3

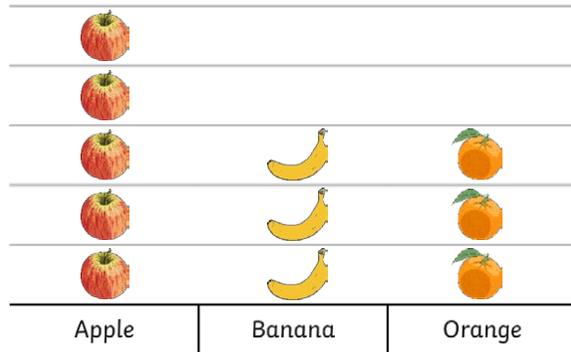
Use this data to create your own bar chart. Remember to label both axes and to give your bar chart a title.

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

Statistics

Question 4

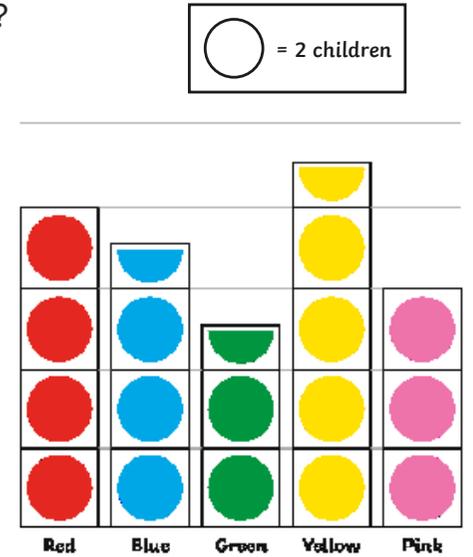
- a) How many children like apples?
- b) Which is the least popular fruit?
- c) How many children voted altogether?
- d) Part of this pictogram is missing. 8 people voted for strawberries, 6 voted for pear and 3 voted for grapes. How many children voted altogether, including votes for apples, bananas and oranges?



Statistics

Question 5

- a) How many children like blue?
- b) How many children liked red, blue and pink?
- c) How many votes did the most popular colour receive?
- d) How many children voted altogether?
- e) What is the difference in the number of votes for green and red?



Statistics

Question 6

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

Favourite pets	Number of votes
fish	4
cat	11
rabbit	7
dog	12

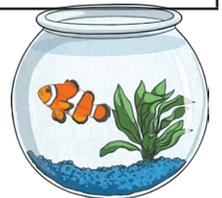
Statistics

Question 7

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

- a) Which name won the vote?
- b) Which name came second?
- c) How many votes did Stripes, Comet and Pebbles receive altogether?
- d) What is the difference in the number of votes between the most popular and the least popular name choices?

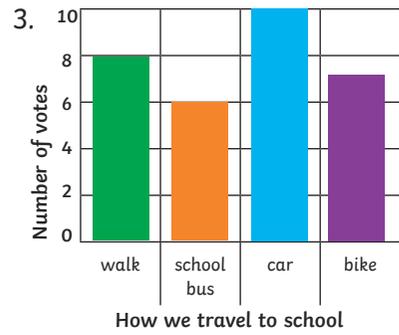
Name choice	Number of votes
Pebbles	6
Nemo	11
Comet	9
Bubbles	14
Stripes	4



Statistics

1. a) 7 b) 2 c) 12 d) 2

2. a) 23 b) 31 c) 11

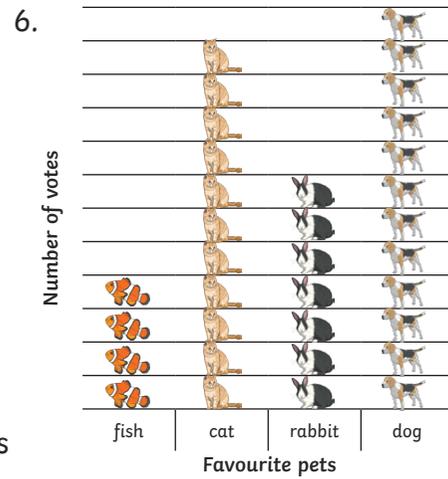


4. a) 5 b) bananas and oranges

c) 11 d) 28

Answers

5. a) 7 b) 21 c) 9 d) 35 e) 3



7. a) Bubbles b) Nemo c) 19 d) 10