

# Homework/Extension

## Step 2: Bar Charts

### National Curriculum Objectives:

Mathematics Year 3: (3S1) [Interpret and present data using bar charts, pictograms and tables](#)

Mathematics Year 3: (3S2) [Solve one-step and two-step questions \[for example, 'How many more?' and 'How many fewer?'\] using information presented in scaled bar charts and pictograms and tables](#)

### Differentiation:

Questions 1, 4 and 7 (Varied Fluency)

**Developing** Complete the partially filled tally chart using the information from the bar chart. Scales of 1, 2 or 10. No half intervals on bar charts.

**Expected** Complete the tally chart using the information from the bar chart. Scales of 1, 2, 5 or 10. No half intervals on bar charts.

**Greater Depth** Complete the tally chart using the information from the bar chart. Scales of 1, 2, 5 and 10. Including half intervals on bar charts.

**Developing** Match the descriptions to the correct label in the bar chart. Scales of 1, 2 or 10. No half intervals on bar charts.

**Expected** Match the descriptions to the correct label in the bar chart. Scales of 1, 2, 5 or 10. No half intervals on bar charts.

**Greater Depth** Match and complete partial descriptions to the correct label in the bar chart. Scales of 1, 2, 5 and 10. Including half intervals on bar charts.

Questions 3, 6 and 9 (Reasoning and Problem Solving)

**Developing** Correct and complete the bar charts from given clues. Scales of 1, 2 or 10 provided. No half intervals on bar charts.

**Expected** Correct and complete the bar charts from given clues. Scales of 1, 2, 5 or 10. No half intervals on bar charts.

**Greater Depth** Correct and complete the bar charts from given clues. Scales of 1, 2, 5 and 10. Including half intervals on bar charts.

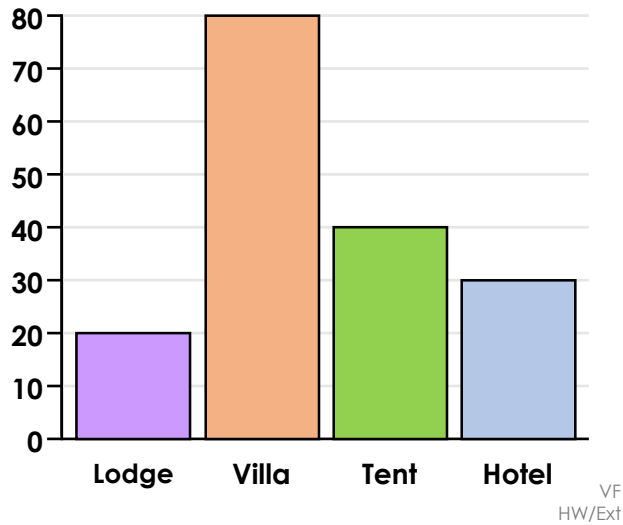
More [Year 3 Statistics](#) resources.

Did you like this resource? Don't forget to [review](#) it on our website.

Bar Charts

1. Complete the tally chart using the information in the bar chart.

Accommodation	Number of Families
Lodge	
Villa	
Tent	
Hotel	



2. Use the information in the bar chart to match the descriptions to the correct labels.

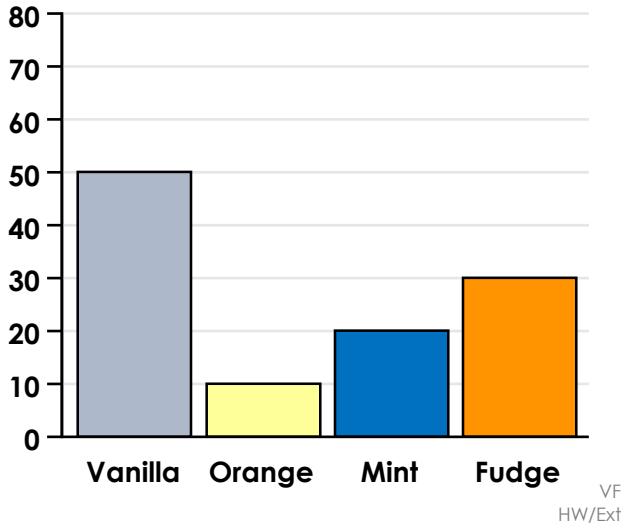
- A. The most popular flavour.

Orange
- B. Only ten children chose this flavour.

Fudge
- C. This is twice as popular as another flavour.

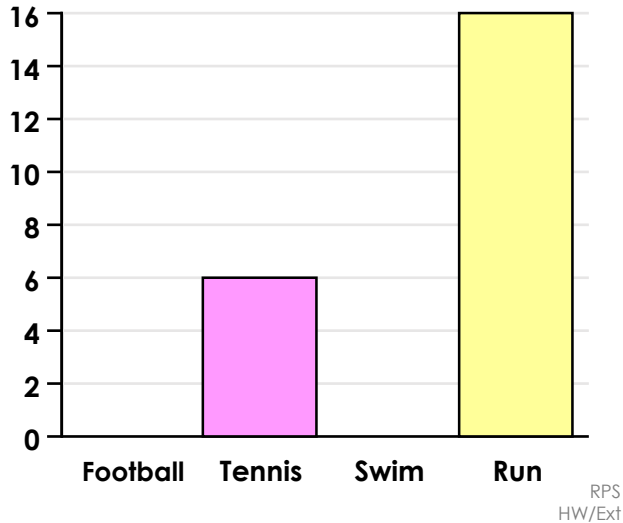
Vanilla
- D. 30 children chose this flavour.

Mint



3. Correct and complete the bar chart using the clues to help you.

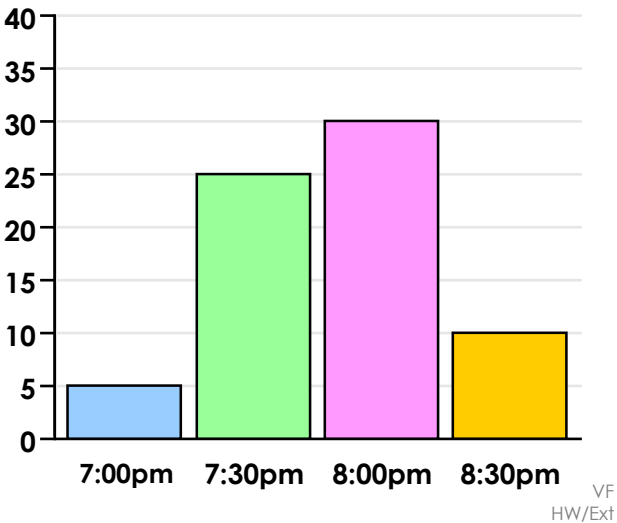
- There are 14 children who like running.
- Twice as many children like swimming than tennis.
- Football is the most popular.



# Bar Charts

4. Complete the tally chart using the information in the bar chart.

Bedtime	Number of Children
7:00pm	
7:30pm	
8:00pm	
8:30pm	



5. Use the information in the bar chart to match the descriptions to the correct labels.

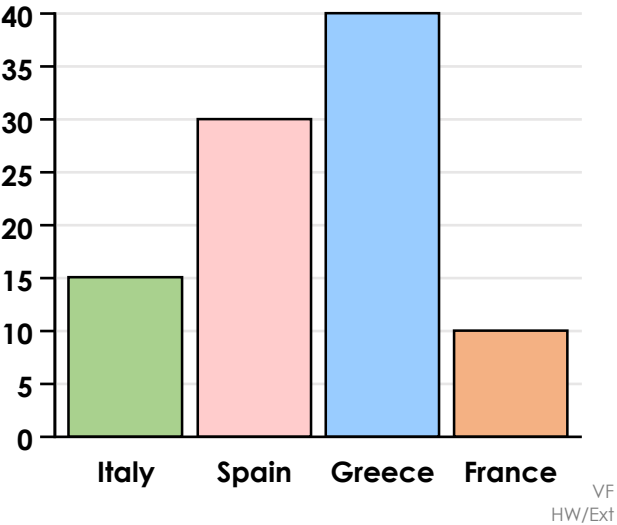
- A. This is the second most popular choice.

France
- B. This is chosen by half as many people as another country.

Italy
- C. This country is the least popular.

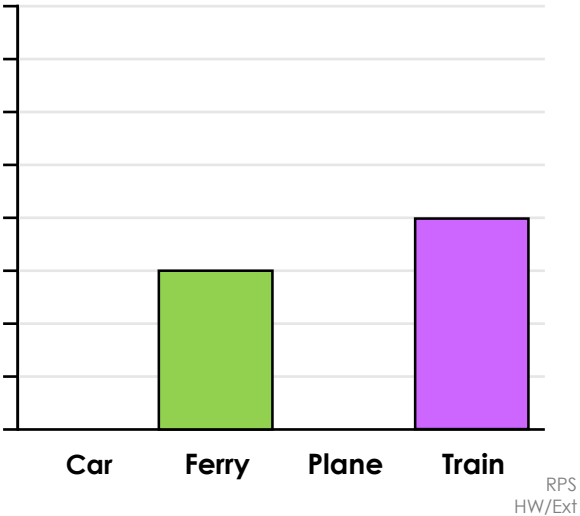
Greece
- D. Four times more people chose this compared to another country.

Spain



6. Correct and complete the bar chart using the clues to help you. Use a scale of 5.

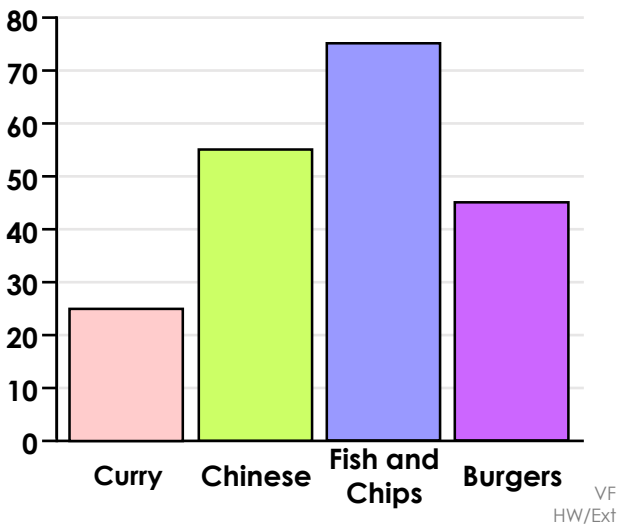
- Twice as many people travel by car than by train.
- 20 people travel by ferry.
- The number of people travelling by train can be divided by three and is greater than the ferry.
- Twice as many people travel by plane than the ferry.



# Bar Charts

7. Complete the tally chart using the information in the bar chart.

Favourite Fast Food	Number of Children
Curry	
Chinese	
Fish and Chips	
Burgers	



8. Use the information in the bar chart to match the descriptions to the correct labels.

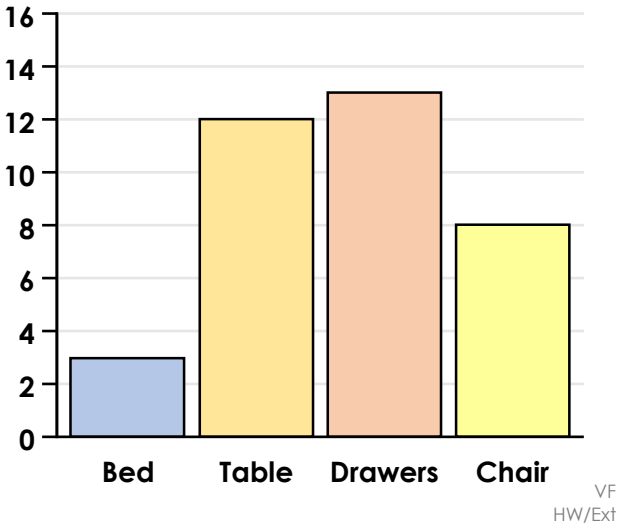
- A. This number is the \_\_\_\_\_ as the total of two others.

Chair
- B. This number is halfway between the \_\_\_\_\_ and most popular.

Bed
- C. This total is four times \_\_\_\_\_ than the second most popular.

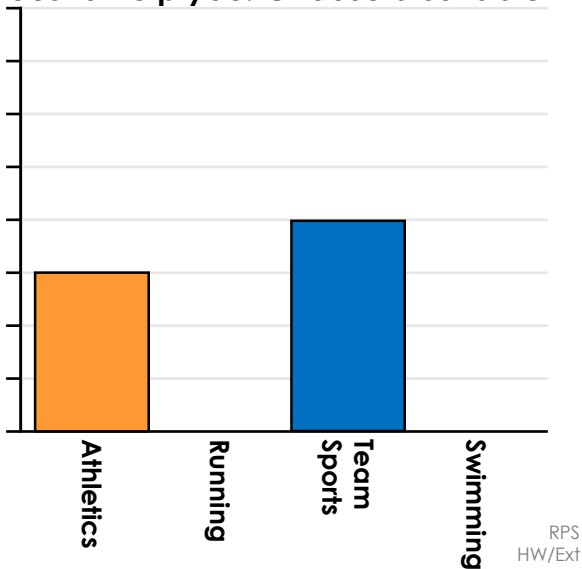
Drawers
- D. This is the \_\_\_\_\_ popular item bought.

Table



9. Correct and complete the bar chart using the clues to help you. Choose a suitable scale.

- More people choose to watch running than swimming and are both odd numbers.
- Team sports has the greatest number of spectators.
- Swimming and running together equal team sports.
- Athletics has half the number of spectators as the most popular.



# Homework/Extension

## Bar Charts

### Developing

1. Completed tally chart showing Tent = 40; Hotel = 30.
2. A = vanilla; B = orange; C = mint; D = fudge
3. Football = 16; tennis = 6; Swim = 12; Running = 14

### Expected

4. Completed tally chart showing 7:00pm = 5; 7:30pm = 25; 8:00pm = 30; 8:30pm = 10
5. A = Spain; B = Italy; C = France; D = Greece.
6. An accurately corrected and completed bar chart showing car = 30; ferry = 20; plane = 40; train = 15.

### Greater Depth

7. Completed tally chart showing Curry = 25, Chinese = 55; Fish and Chips = 75; Burgers = 45.
8. Clue A = This number is the same as the total of two others.  
Clue B = This number is halfway between the least and most popular.  
Clue C = This total is four times less than the second most popular. Clue D = This is the most popular item bought.  
A = table; B = chair; C = bed; D = drawers
9. An accurately corrected and completed bar chart. Possible answer using a scale of ten: Athletics = 30; running = 35; team sports = 60; swimming = 25