

Handling data in football

The Maths

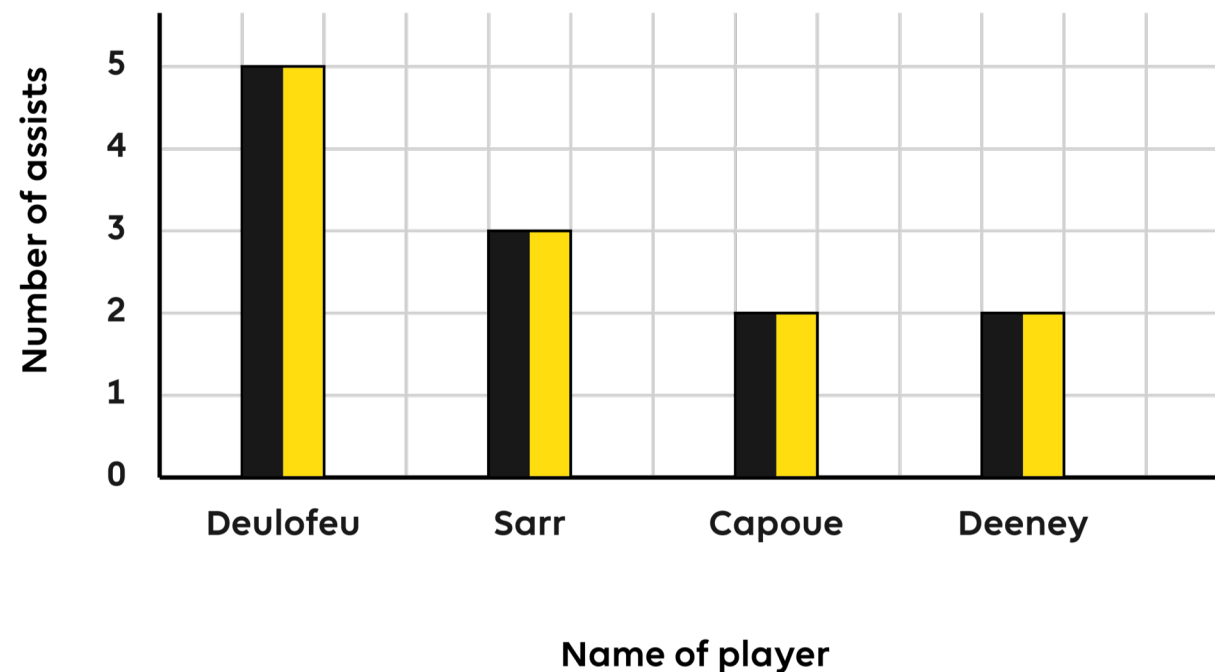
Maths resource

Lower KS2: Ages 7-9

What is a bar chart?

- A bar chart is used to compare two or more values

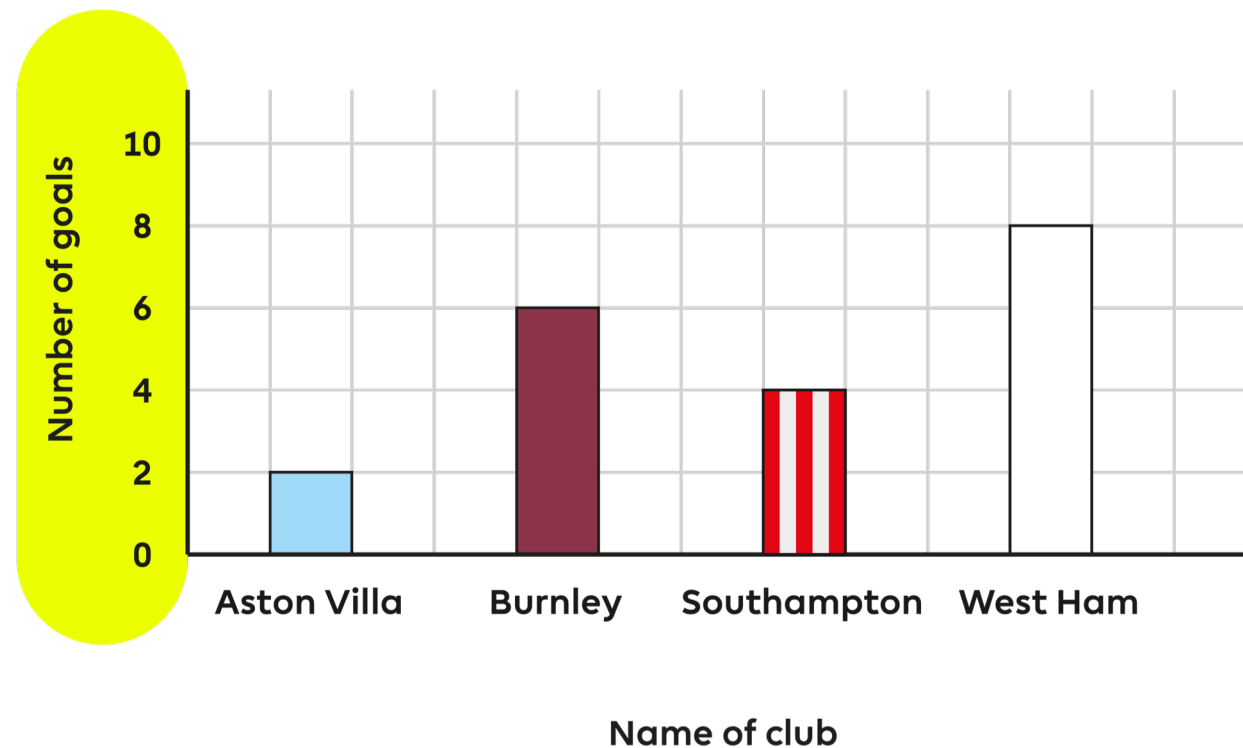
Assists by Watford players (August – March 2019/20)



Reading a bar chart

- The vertical axis shows the values or frequency

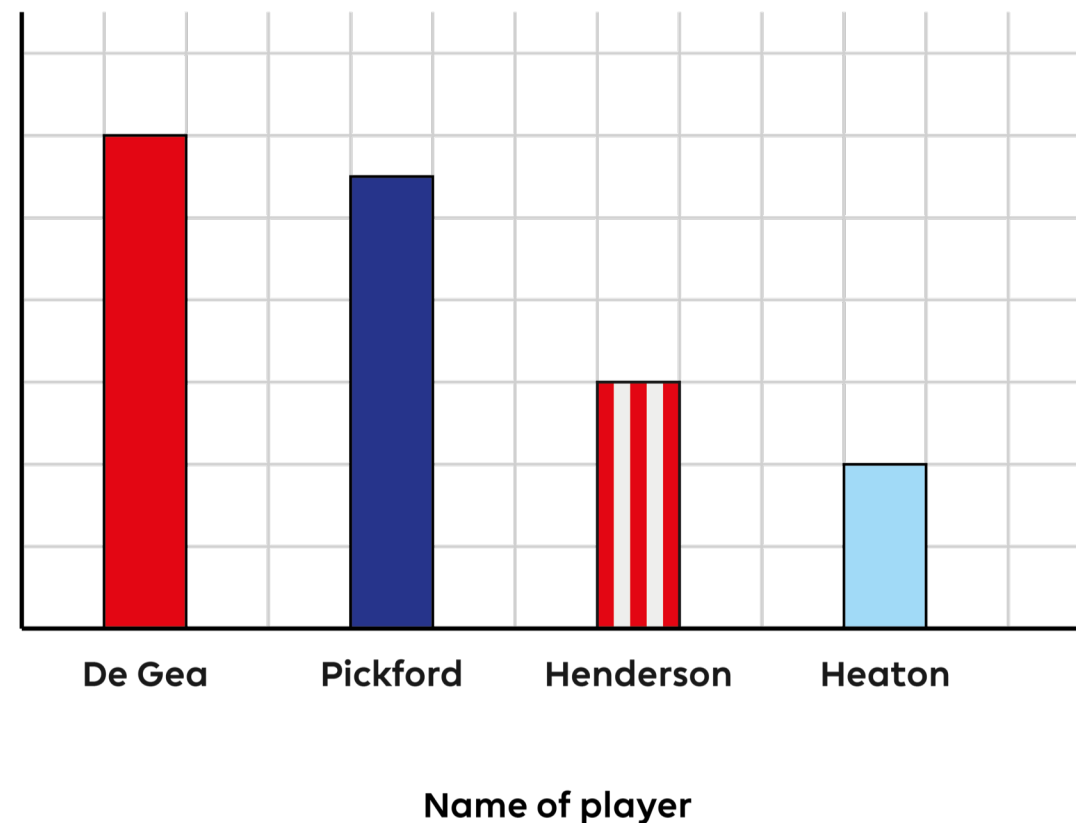
Goals scored in February 2020



Reading a bar chart

- Here is a bar chart without the vertical axis labelled – we do not know how many each bar represents

Total saves made by goalkeepers (August – March 2019/20)

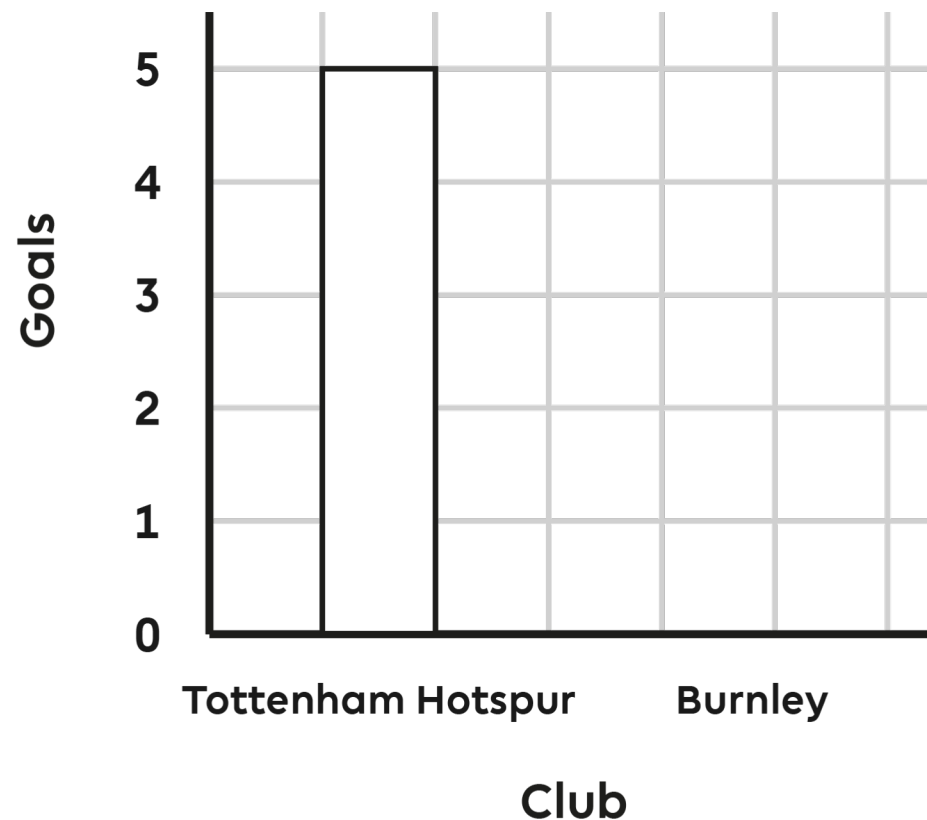


How to draw a bar chart

Checklist

- ☐ I have drawn my bars with a rule.
- ☐ I have labelled my axes.
- ☐ I have labelled the bars.
- ☐ I have given my chart a title.
- ☐ I have written the scale on the vertical axis.

Goals scored in football match
between Tottenham Hotspur
versus Burnley December 2019



Things to remember when writing a scale...

Checklist

- ☐ Make each scale step equal (1,2,3 and so on or 2,4,6... or 5,10,15...)
- ☐ Make sure the scales are numbered high enough to take your data (if for example the number of goals is 12, you cannot have a scale from 1-10)
- ☐ Be clear when the number is between the scale being used. In this example, Sterling has scored 7 goals

Total number of goals scored

