Maths St★r
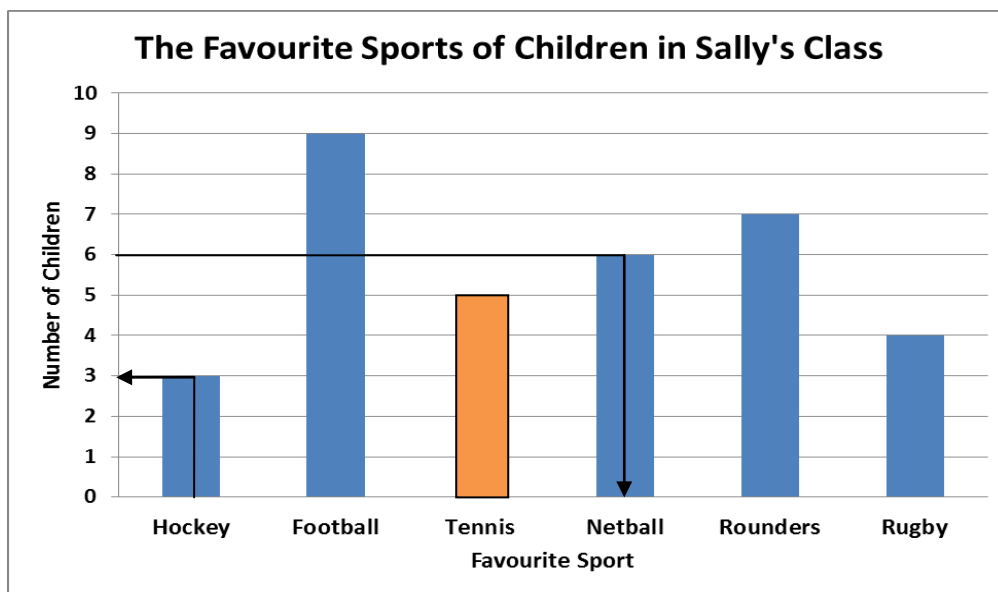
Bar Charts

Bar charts are a way of displaying data. You will either be asked to DRAW them or INTERPRET them, meaning working out what they are telling you.

In this bar chart, it shows the favourite sports of children in Sally's class.

1) How many children in Sally's class like hockey? Find the bar that represents hockey and look at the y-axis to find out the number of children. This is 3.

2) Which sport do exactly 6 children prefer? Find 6 on the y-axis, see which bar meets that line, then look at the x-axi to find out which sport it is. This is netball.

3) 5 children preferred tennis. Complete the graph. We have to draw the bar in at the correct position, making sure it meets the 5 line.
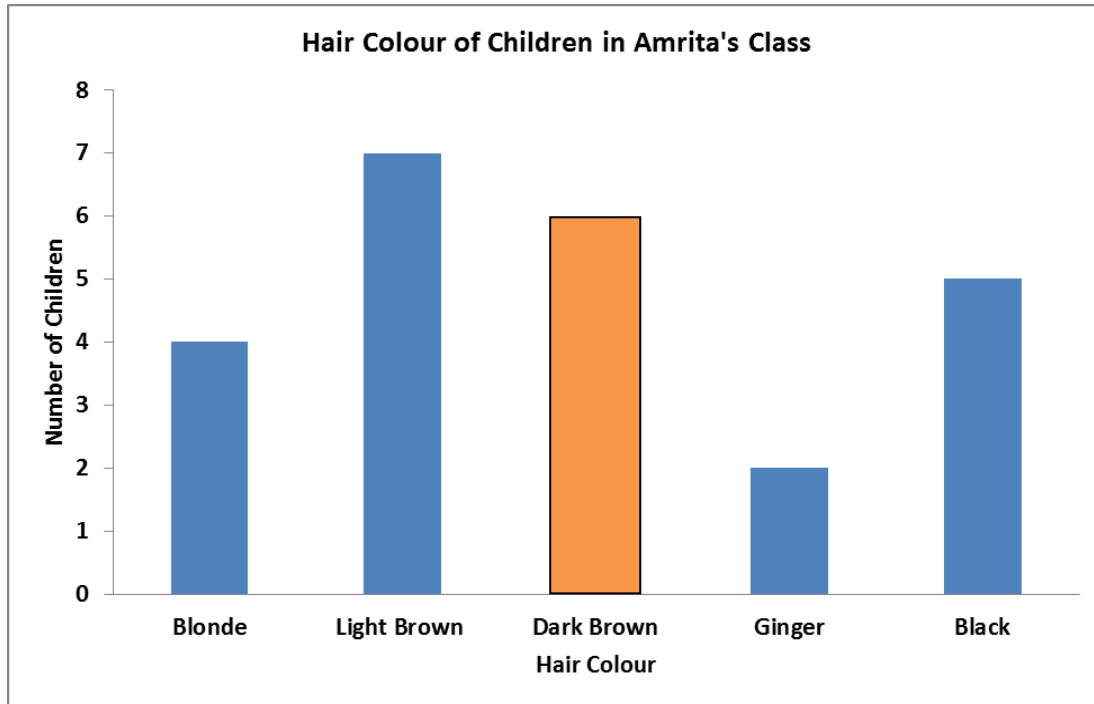
> Handy ★ Hint: Sometimes, a bar chart won't have guidance lines, so use a ruler to make sure it is in the right place.

Now try the worksheet below to help you become a graph superstar!

Maths St★r

Your turn!

The graph below shows the hair colour of children in Amrita's class.

Hair Colour of Children in Amrita's Class

Can you answer?

1) How many children in Amrita's class have light brown hair? Answer: 7

2) How many children in Amrita's class have black hair? Answer: 5

3) Which hair colour do exactly 4 children in Amrita's class have? Answer: Blonde

4) 6 children in Amrita's class have dark brown hair. Complete the bar chart.

5) How many children did Amrita ask in her survey on hair colour?
   Answer: To find the total number in a bar chart, add the total of all the bars:
   4 + 7 + 6 + 2 + 5 = 24