

Give me 5!



969 divided by 3 =

3859 + 2465 =

What is the value of the digit 4 in 34,048?

45 x 5 =

How many times does 8 go into 72?

Drawing and Reading Bar Graphs

Lesson
2

In Focus



Amira
84



Sam
65



Emma
55



Charles
90



Use a table and a bar graph to show the maths results of the 4 pupils.

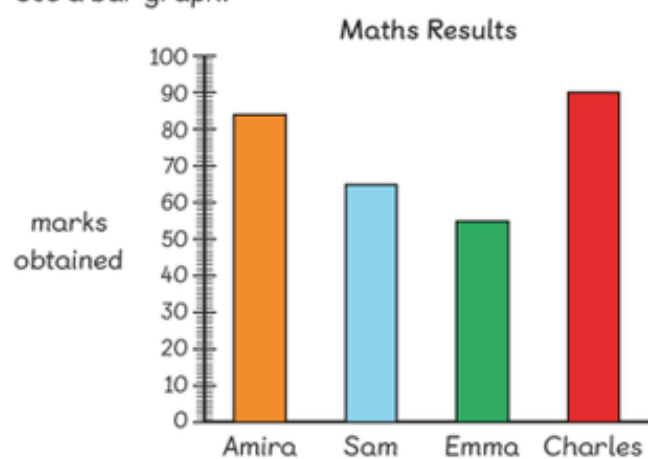
How can we record this information in a bar graph?

What would the scale be and why?

1 Use a table.

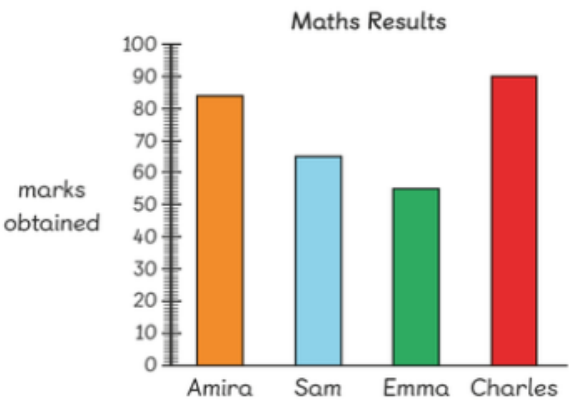
Name	Amira	Sam	Emma	Charles
Marks	84	65	55	90

2 Use a bar graph.




Guided Practice

Look at the bar graph again.



1 Who scored the highest marks?

How can we tell by looking at the graph?

2 Who scored the lowest marks? 

3 What is the difference between the highest and lowest marks? 


Where on the graph can you see this difference?



4 How can we show Hannah's marks on the bar graph?

I got $82\frac{1}{2}$ marks.



5 Sam aims to get 80 marks on the next test.
How many more marks does he need in order to reach his goal? 

6 The maths results of another group of pupils on the same test are shown on another bar graph.

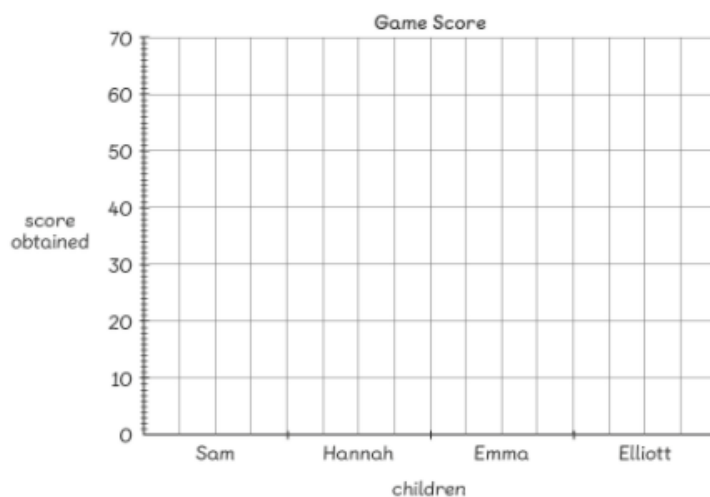
Name: _____ Class: _____ Date: _____

Worksheet 2**Drawing and Reading Bar Graphs**

This table shows four children's scores in a game.

Name	Sam	Hannah	Emma	Elliott
Score	64	23	38	48

- 1 Draw a bar graph to show the scores.



Graphs

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2 Look at the bar graph and fill in the boxes.

(a) has the highest score.

(b) has the lowest score.

(c) Elliott's score is points higher than Hannah's.

(d) Hannah's score is points lower than Emma's.

(e) The difference between the highest and lowest score is .

(f) Elliott wants to score 80 points in the next game. How many more points does he need in order to reach his goal?
He needs more points.

(g) Complete this table to show the total scores.
Who has the higher total: the boys or the girls?

	Boys	Girls
Score		

The have the higher total.

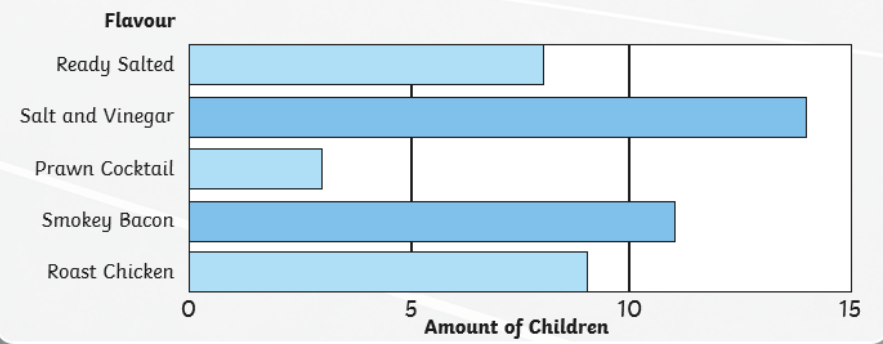
Challenge

Favourite Crisps

1. How do you know which flavours are most and least popular?

2. One flavour is chosen by two more children than another flavour. Which flavours are they?

3. Alfie says, "More children chose Ready Salted and Salt and Vinegar than the other 3 flavours." Explain why he is not correct.
4. Four more children are asked their favourite flavour and all choose Smokey Bacon. How will this change the favourite flavour?



Answers!

Name: _____ Class: _____ Date: _____

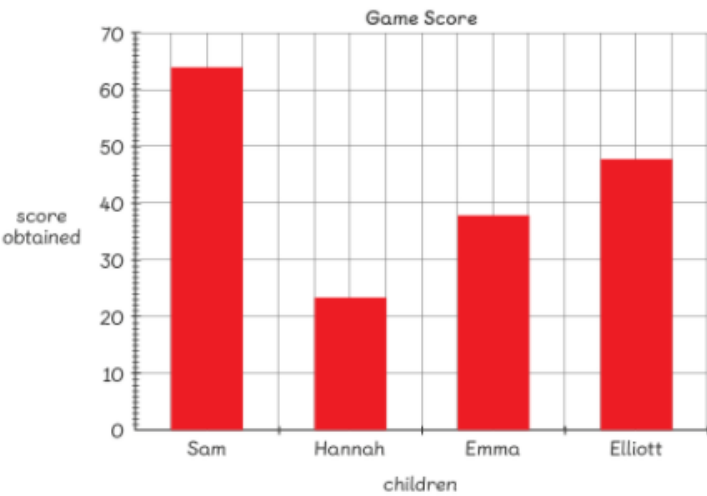
Worksheet 2

Drawing and Reading Bar Graphs

This table shows four children's scores in a game.

Name	Sam	Hannah	Emma	Elliott
Score	64	23	38	48

1 Draw a bar graph to show the scores.



Answers!

2 Look at the bar graph and fill in the boxes.

- (a) **Sam** has the highest score.
- (b) **Hannah** has the lowest score.
- (c) Elliott's score is **25** points higher than Hannah's.
- (d) Hannah's score is **15** points lower than Emma's.
- (e) The difference between the highest and lowest score is **41**.
- (f) Elliott wants to score 80 points in the next game. How many more points does he need in order to reach his goal?
He needs **32** more points.
- (g) Complete this table to show the total scores.
Who has the higher total: the boys or the girls?

	Boys	Girls
Score	112	61

The **Boys** have the higher total.

Challenge Answers!

Favourite Crisps **Answers**

1. How do you know which flavours are most and least popular?

Longest and shortest bars.

2. One flavour is chosen by two more children than another flavour. Which flavours are they?

Smokey bacon and roast chicken.

3. Alfie says, "More children chose Ready Salted and Salt and Vinegar than the other 3 flavours." Explain why he is not correct.

Ready salted and salt and vinegar were chosen by 22 children, but 23 chose the other 3 flavours, so he is incorrect.

4. Four more children are asked their favourite flavour and all choose Smokey Bacon. How will this change the favourite flavour?

15 children will have chosen Smokey Bacon, which is more than the 14 who chose Salt and Vinegar, so Smokey Bacon is now the flavour chosen by the most children.



