

[Dear Parents](#), please discuss the information on these pages with your children and make sure that they have understood the concept. The grey Workbook pages should be completed by the children as independently as possible and will be checked by their teacher. Please read any instructions carefully to know how to answer specific questions.

Lesson Objective

To be able to read and interpret a picture graph with a scale of 1:10.





Reading Picture Graphs





Lesson
5

In Focus

The tally chart and table shows the number of books four boys read last year.

Books We Read

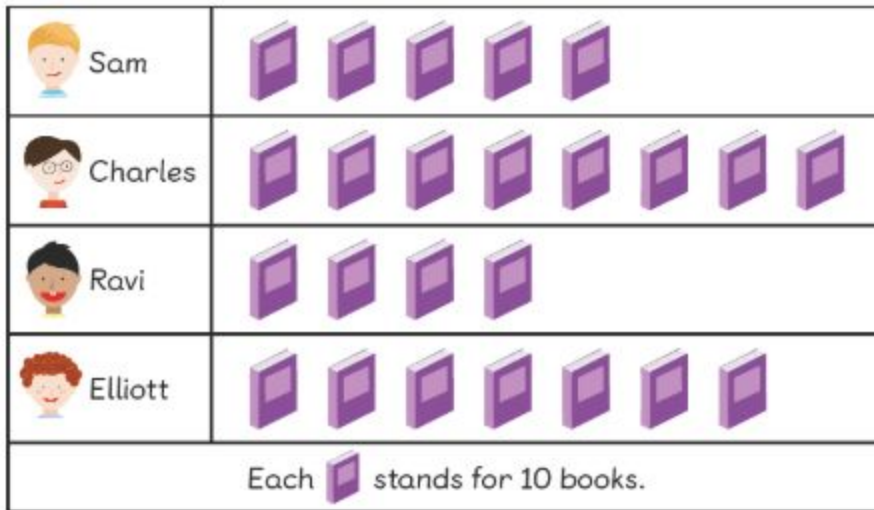
 Sam	// // // // // // // // // //
 Charles	// // // // // // // // // // // // // // // //
 Ravi	// // // // // // // //
 Elliott	// // // // // // // // // // // // // //

Name	Number of books
 Sam	50
 Charles	80
 Ravi	40
 Elliott	70

Make a pictogram to show the number of books each boy read.

Let's Learn

The pictogram shows the number of books each boy read last year.



- (a) How many books did Elliott read?
- (b) Who read the most books last year?
- (c) Who read the fewest books last year?
- (d) How many fewer books did Sam read than Charles?
- (e) How many more books did Charles read than Ravi?
- (f) How many books did Sam and Ravi read altogether?



I read 75 books last year.
How can I show the number of books
I read on the pictogram?

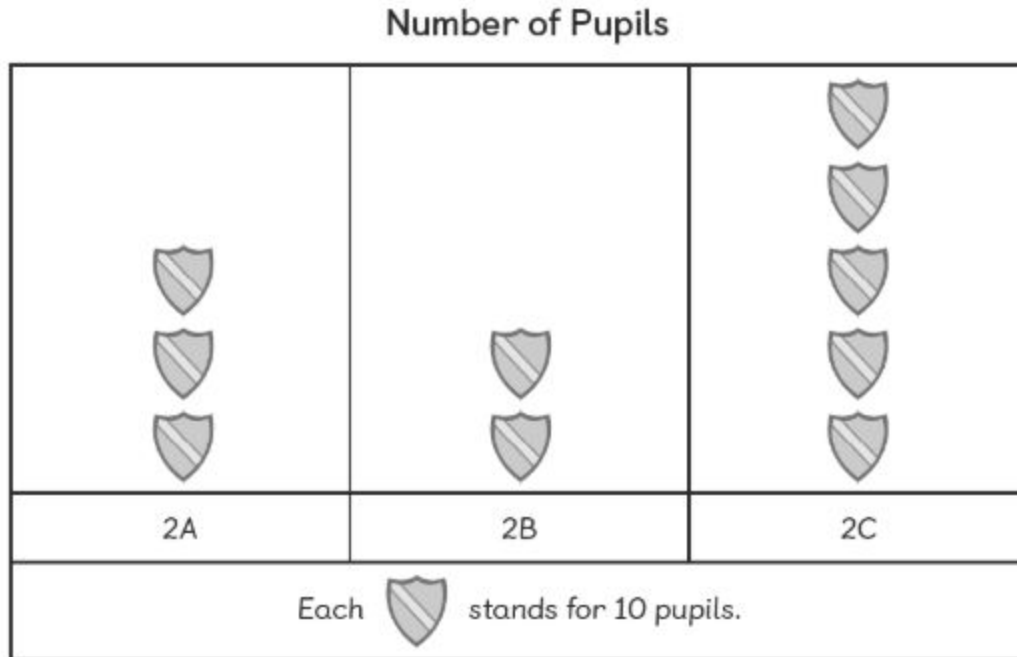
Remember, when finding out how many more or how many less, you need to do a subtraction calculation with the 2 groups that you are comparing.

What calculation do you need to do if it says 'altogether'?

Worksheet 5

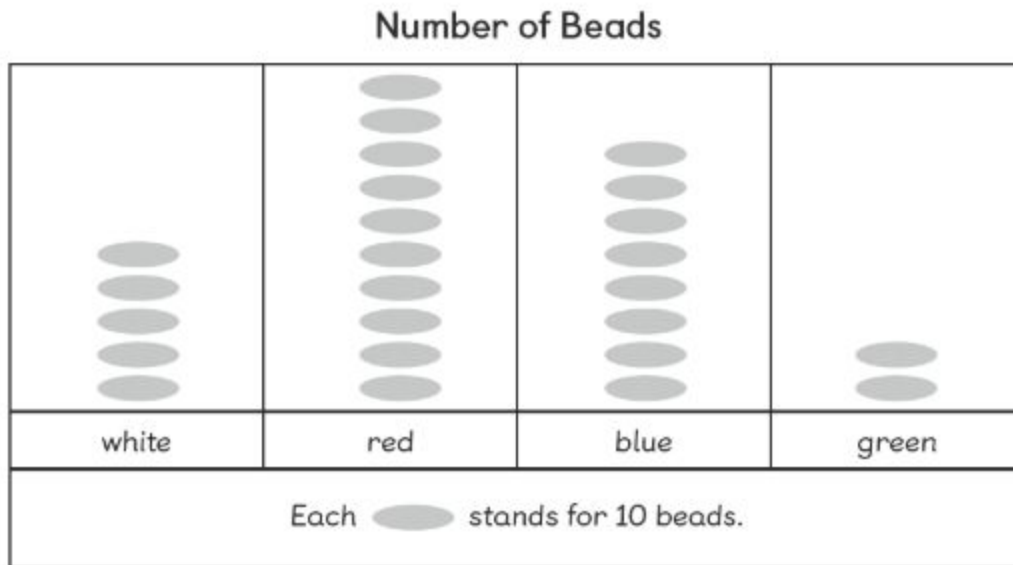
Reading Picture Graphs

- 1 The pictogram shows the number of pupils in three Year 2 classes. Look at the pictogram and fill in the blanks.



- a) There are ____, ____ and ____ pupils in classes 2A, 2B and 2C respectively. (**Respectively means in that order**)
- b) Class ____ has the most pupils.
- c) Class ____ has the least number of pupils.

- 2 The pictogram shows the number of beads in a box.
Look at the pictogram and fill in the blanks.



Remember, a short line requires a number and a long line requires a word.

- a) There are ___ blue beads in the box.
- b) The number of _____ beads is the greatest.
- c) The number of _____ beads is the smallest.
- d) There are ___ more red beads than white beads.
- e) There are ___ fewer green beads than blue beads.
- f) The sum of blue and green beads is the same as the number of _____ beads.

Challenge:

Here are three tables of data.
Which set of data could you display using the block graph?
Which could use the pictogram?
Which could use the tally chart?
Explain your reasoning.

Data Set 1

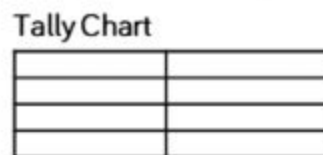
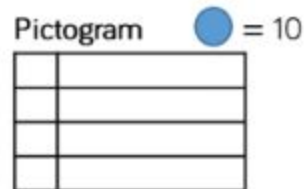
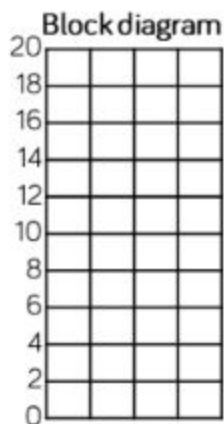
Team	Goals scored
A	20
B	32
C	27
D	16

Data Set 2

Player	Points
1	20
2	65
3	80
4	45

Data Set 3

Name	Score
Ron	20
Eva	12
Amir	6
Mo	16



Make sure you explain why you have chosen a particular graph for each data set.