

Pictograms with a scale (one symbol = 2)

MODULE 9 · DATA AND CHANCE DATA & CHANCE

HOW TO ANSWER TODAY

- **Read a bar chart.** Read the top of each bar. Check the y-axis scale to see what each grid line is worth.

Each grid line = 5, bar reaches the 4th line → value is 20

TRY IT ON THE LINE

Draw a pictogram for the data, then read it.

Pictogram



1. Choose what one picture will stand for (1, 2 or 5).
2. Draw the right number of pictures in each row.
3. Use a half-picture if you need half the value.

PRACTICE

- 1 4th class made a bar chart of favourite fruits in the class. Apple got **23** votes, Pear got **32**, Orange got **11** and Banana got **34**. By how much does the Orange bar differ from the Pear bar?

A bar chart shows fruit preferences in a class. Apple: 23, Pear: 32, Orange: 11, Banana: 34. By how much does the Orange bar differ from the Pear bar?

- 2 Cian draws a pictogram of his school plan on grid paper. Each picture of a tree stands for **2** real trees, and the row for the front yard has **4** tree pictures. How many trees are in the front yard altogether?

On a pictogram, each picture stands for 2. One row has 4 pictures. How many is that altogether?

CHALLENGE

- 1 Ms Ní Cheallaigh's 4th class made a bar chart of books read by each child during the October reading challenge. The chart shows Apple group: **13**, Pear group: **37**, Orange group: **24**, Banana group: **11**, Plum group: **21** books. How many books did the class read in total?

A bar chart shows fruit preferences in a class. Apple: 13, Pear: 37, Orange: 24, Banana: 11, Plum: 21. How many pupils took part in total?

- 2 Cara's class makes a pictogram of the books read by each group last week. Each book picture stands for **5** books, and the Red Group's row has **3** pictures. How many books did the Red Group read altogether?

On a pictogram, each picture stands for 5. One row has 3 pictures. How many is that altogether?