

Pictograms – reading and answering questions

MODULE 9 · DATA AND CHANCE

DATA & CHANCE

HOW TO ANSWER TODAY

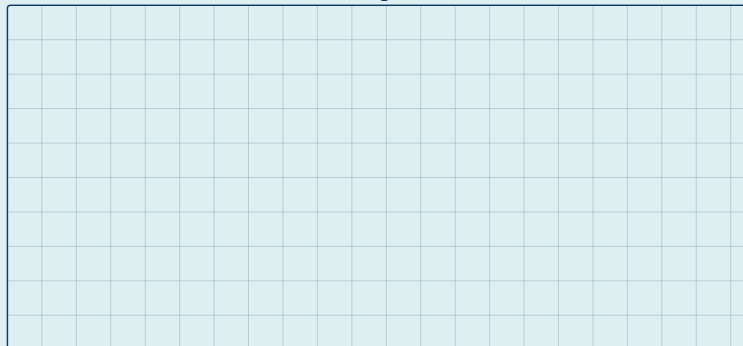
- **Read a bar chart.** Read the top of each bar. Check the y-axis scale to see what each grid line is worth.

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 Ms Murphy's 4th class made a bar chart of fruit chosen at lunchtime over one week. Apple got **29** votes, Pear got **10**, Orange got **27** and Banana got **17**. By how much does the Orange bar differ from the Pear bar?

A bar chart shows fruit preferences in a class. Apple: 29, Pear: 10, Orange: 27, Banana: 17. By how much does the Orange bar differ from the Pear bar?

- 2 Mr Ó Briain made a pictogram of the raffle tickets sold for the Christmas hamper in 4th class. Each ticket picture stands for **2** tickets sold. Aoife's row has **7** ticket pictures. How many tickets did Aoife sell altogether?

On a pictogram, each picture stands for 2. One row has 7 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?