

# Pictograms – one symbol means one

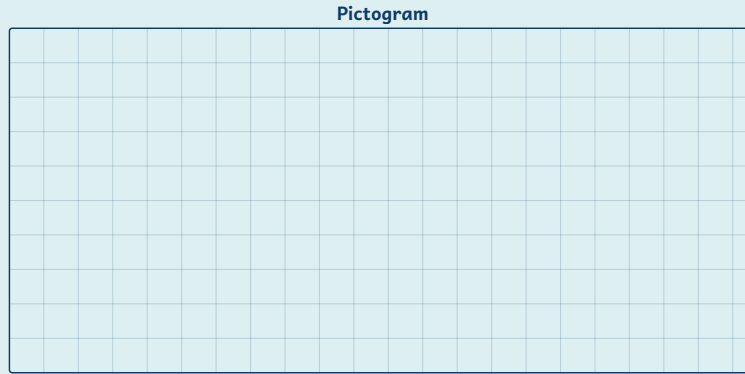
MODULE 9 · DATA AND CHANCE DATA & CHANCE

## HOW TO ANSWER TODAY

- **Tally marks.** Tally marks come in gates of 5. Count gates  $\times$  5, then add the singles.  
 $3 \text{ gates} + 2 \text{ singles} \rightarrow 3 \times 5 + 2 = 17$

## TRY IT ON THE LINE

Draw a pictogram for the data, then read it.



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. 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?

2. Cara surveys 4th class about their favourite weekend treat. She gets **26** responses for ice cream and records them as a tally on the board. How many groups of **5** (gate marks) will the tally have, and how many extra single marks?

A class survey records 26 responses for one option. How many groups of 5 (gate marks) will the tally have, and how many extra single marks?

## CHALLENGE

1. 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?

2. Mr Ó Briain runs a daily question for 3rd class and writes the results in a frequency table. The three answer choices got **16**, **16** and **7** votes across the week. How many responses are there in total?

A frequency table for a class survey has 3 rows with these counts: 16, 16, 7. What is the total number of responses across all rows?