

# Reading and writing numbers to millions

MODULE 1 · PLACE VALUE, DECIMALS AND THE NUMBER SYSTEM

NUMBER

## ★ STRETCH PROBLEMS

- 1 Cian checks the thermometer outside his classroom window at four different times during the school day and notes the readings in °C as **2.7**, **2.6**, **-4.6** and **9.0**. Order the temperatures from smallest to largest.
- 2 The 5th class weather station logs the temperature each morning at the bird feeder for four days. The readings in °C are **-4.1**, **4.8**, **0.1** and **2.9**. Order the temperatures from coldest to warmest.
- 3 On a school tour to Glendalough in Wicklow, the 5th class checks the thermometer at four different spots during the day. The readings in degrees Celsius are **8.3**, **6.7**, **0.1** and **-4.7**. Order the temperatures from smallest to largest.
- 4 Four members of the local hurling club check the balances on their club savings accounts before the team dinner. The balances in euros are **-1**, **14**, **8** and **7**. Order the balances from smallest to largest.
- 5 On sports day morning, the school weather station logs the temperatures in degrees Celsius at four different times during the week: **6**, **4**, **-4** and **-10**. Order the temperatures from coldest to warmest.

## ● INVESTIGATE

### How big is a million?

About how long would it take to count to a million out loud? Estimate first, then work it out using a sensible rate (say, one number per second). Find three real things that come in **millions** in Ireland.

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$$\frac{1}{2}$$



$$\frac{1}{2}$$



$$\frac{1}{2}$$

