

Reading and writing decimals with tenths; tenths on a number line

MODULE 3 · FRACTIONS AND FIRST DECIMALS NUMBER

HOW TO ANSWER TODAY

- **Decimal places.** Tenths is the first digit after the point, hundredths the second, thousandths the third.

In 4.82 the digit in the tenths place is 8. · In 0.345 the hundredths digit is 4.

STRETCH PROBLEMS

- 1 Cian records that **7.358 litres** of birdseed were used to fill the classroom bird feeder over the term. Between which two whole numbers does **7.358** sit on the number line, and which whole is it closer to?
- 2 During Seachtain na Gaeilge, 4th class time how long their book reviews take to read aloud. Sean's review takes **1.321 minutes**. Between which two whole minutes does **1.321** sit on the number line, and which whole minute is it closer to?
- 3 On the school tour to Glendalough, the walking trail sign shows the lake is **4.191 km** from the car park. On a number line, between which two whole numbers does **4.191** sit, and which whole number is it closer to?
- 4 Before going out to the yard, 4th class check the school rain gauge, which read **5.039 mm** this morning. On a number line, between which two whole numbers does **5.039** sit, and which whole number is it closer to?
- 5 Aoife fills her water bottle before the walk to Glendalough, and it holds **1.293 litres**. On a number line, between which two whole numbers does **1.293** sit, and which whole number is it closer to?

INVESTIGATE

Tenths in real life

Hunt for five real amounts that make sense as **tenths** (for example a length, a score, or part of a bar). Write each as a fraction and as a decimal like 0.3. Mark each one on a 0-to-1 number line and say which whole-number landmark it is nearest.
