

Fractions on a number line

MODULE 3 · FRACTIONS AND FIRST DECIMALS

NUMBER

HOW TO ANSWER TODAY

- **Compare fractions.** Make the bottom numbers (denominators) the same first. Then compare the top numbers.

$$\frac{1}{4} \text{ and } \frac{1}{3} \rightarrow \frac{3}{12} \text{ and } \frac{4}{12} \rightarrow \frac{1}{4} < \frac{1}{3}$$
 STRETCH PROBLEMS

- 1** Three pupils in 4th class check how full their water bottles are at lunchtime. Aoife's bottle is $\frac{9}{10}$ full, Cian's is $\frac{2}{5}$ full, and Saoirse's is $\frac{7}{10}$ full. Order the bottles from smallest amount to largest amount.

- 2 At granny's farm there are 11 calves in the back field, all the same age. 3 of the calves are black and the rest are brown. What fraction of the calves are black?

A shape is divided into 11 equal parts and 3 are shaded. What fraction of the shape is shaded?