

Ordering a set of fractions

MODULE 3 · FRACTIONS, DECIMALS AND PERCENTAGES 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 Méabh checks how full four reading baskets are in the 5th class library. The baskets are $\frac{3}{4}$, $\frac{7}{12}$, $\frac{1}{12}$ and $\frac{1}{8}$ full of books. Order the baskets from smallest to largest amount of books.

- 2 Three pupils in 5th class have filled their water bottles before heading out to the yard. Oisín's bottle is $\frac{3}{4}$ full, Aoife's is $\frac{7}{8}$ full, and Tadhg's is $\frac{1}{5}$ full. Order the bottles from least full to most full.

Order from smallest to largest: $\frac{3}{4}$, $\frac{7}{8}$, $\frac{1}{5}$

- 3 Three pupils in 5th class fill their water bottles before going out to the yard. Oisín fills $\frac{3}{4}$ of his bottle, Aoife fills $\frac{7}{12}$ of hers, and Tadhg fills $\frac{1}{12}$ of his. Order the bottles from smallest amount to largest amount of water.