

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.

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 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.
- 3 Three 5th class teams played in a Cumann na mBunscol blitz at the county grounds. Cara's team won $\frac{9}{10}$ of their matches, Tadhg's team won $\frac{2}{5}$, and Niamh's team won $\frac{7}{10}$. Order the teams' win fractions from smallest to largest.
- 4 At break time, Niamh, Cian and Saoirse each open a packet of biscuits to share. Niamh has $\frac{11}{12}$ of her packet left, Cian has $\frac{7}{8}$ of his packet left, and Saoirse has $\frac{2}{5}$ of her packet left. Order the amounts left from smallest to largest.
- 5 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: $\frac{3}{4}$, $\frac{7}{8}$, $\frac{1}{5}$