

Ordering fractions

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.

STRETCH PROBLEMS

- 1 On sports day, four pupils each fill their water bottle before the relay. Aoife fills $\frac{11}{12}$ of hers, Cian fills $\frac{7}{8}$, Saoirse fills $\frac{2}{5}$, and Tadhg fills $\frac{2}{3}$. Order these fractions from smallest to largest.
- 2 At granny's farm, four water troughs are filled to different levels. The first is $\frac{4}{5}$ full, the second is $\frac{3}{5}$ full, the third is $\frac{7}{8}$ full and the fourth is $\frac{7}{10}$ full. Order the troughs from smallest amount to largest.
- 3 Cara fills four jugs for the class break. The first is $\frac{3}{5}$ full, the second is $\frac{1}{12}$ full, the third is $\frac{9}{10}$ full and the fourth is $\frac{7}{12}$ full. Order the jugs from smallest to largest amount of juice.
- 4 On the school tour to the Cliffs of Moher, 4th class fill their water bottles to different levels. Aoife's bottle is $\frac{9}{10}$ full, Tadhg's is $\frac{1}{8}$ full, Cara's is $\frac{1}{4}$ full and Oisín's is $\frac{1}{2}$ full. Order the bottles from smallest to largest amount of water.
- 5 At Aoife's sleepover, three friends each fill part of a jug with orange squash. Cara fills $\frac{4}{5}$ of her jug, Saoirse fills $\frac{3}{5}$ of hers, and Méabh fills $\frac{7}{8}$ of hers. Order the amounts from smallest to largest.