

Comparing and ordering fractions with unlike denominators

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 Aoife checks four seed trays in the school polytunnel in spring. The trays are filled to $\frac{2}{3}$, $\frac{11}{12}$, $\frac{5}{6}$ and $\frac{5}{8}$ full. Order the fractions from smallest to largest.
- 2 Cara helps tidy the school canteen after lunch and finds four leftover trays. The trays are $\frac{2}{3}$, $\frac{1}{3}$, $\frac{1}{10}$ and $\frac{1}{12}$ full of stew. Order the trays from the least full to the fullest.
 Order from smallest to largest: $\frac{2}{3}$, $\frac{1}{3}$, $\frac{1}{10}$, $\frac{1}{12}$
- 3 On the coach trip to the Burren in Clare, walking groups cover different fractions of the coastal path: $\frac{5}{8}$, $\frac{1}{10}$, $\frac{1}{4}$ and $\frac{7}{10}$. Order the fractions from smallest to largest.
- 4 Aoife, Cian, Saoirse and Tadhg meet at granny's house for Sunday dinner. Aoife fills her soup bowl $\frac{3}{8}$ full, Cian fills his $\frac{2}{3}$ full, Saoirse fills hers $\frac{9}{10}$ full and Tadhg fills his $\frac{2}{5}$ full. Order the bowls from least full to most full.
 Order from smallest to largest: $\frac{3}{8}$, $\frac{2}{3}$, $\frac{9}{10}$, $\frac{2}{5}$
- 5 At the Cumann na mBunscol blitz at the county grounds, four 6th class pupils cover different fractions of the pitch in a warm-up drill: $\frac{1}{3}$, $\frac{2}{5}$, $\frac{11}{12}$ and $\frac{1}{2}$. Order the fractions from smallest to largest.



$$\frac{1}{2}$$



$$\frac{1}{2}$$

NUMBER



$$\frac{1}{2}$$

