

Comparing 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

- At Camogie training under the floodlights, Aoife has filled $\frac{3}{4}$ of her water bottle and Saoirse has filled $\frac{7}{12}$ of hers. Insert $<$, $>$ or $=$ to compare the two amounts: $\frac{3}{4}$ ____ $\frac{7}{12}$.
- Aoife is decorating the classroom door for World Book Day. She covers $\frac{1}{2}$ of the door with book covers and $\frac{2}{5}$ of the door with bunting. Insert $<$, $>$ or $=$ to show which fraction of the door is larger: $\frac{1}{2}$ ____ $\frac{2}{5}$.
- At break time, Cian eats $\frac{3}{4}$ of his cereal bar and Aoife eats $\frac{11}{12}$ of hers. Insert $<$, $>$ or $=$ to show whose fraction is bigger: $\frac{3}{4}$ ____ $\frac{11}{12}$.
- On the school nature walk, Oisín fills $\frac{3}{4}$ of one small jar with acorns and Aoife fills $\frac{7}{8}$ of a matching jar with conkers. Insert $<$, $>$ or $=$ to show whose jar is fuller: $\frac{3}{4}$ ____ $\frac{7}{8}$.
- On the coach trip to the Burren, Oisín eats $\frac{11}{12}$ of his bag of grapes while his friend Cara eats $\frac{1}{10}$ of hers. Using $<$, $>$ or $=$, which sign shows how $\frac{11}{12}$ compares to $\frac{1}{10}$?
 Insert $<$, $>$ or $=$ $\frac{11}{12}$ ____ $\frac{1}{10}$