

Linking simple fractions and decimals ($\frac{1}{2} = 0.5$, $\frac{1}{4} = 0.25$)

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.
 $1/4$ and $1/3 \rightarrow 3/12$ and $4/12 \rightarrow 1/4 < 1/3$
- **Equivalent fractions.** Whatever you multiply (or divide) the bottom by, do the same to the top.
 $2/5 = ?/15$. Bottom $\times 3$, so top $\times 3 \rightarrow 6/15$
- **Compare or order.** Compare one place at a time, starting from the LEFT. Use $<$ (less than), $>$ (greater than), or $=$ (equal).
 $3.45 < 3.54$ · Smallest $\rightarrow$ largest: $0.7, 0.71, 1.07$

 TRY IT ON THE LINE

Use the fraction strips to compare and shade the fractions in the lesson.

[illegible]

1. Shade each fraction the lesson asks for.
2. Line two strips up to see which fraction is bigger.
3. Find two strips that shade the same amount (equivalent fractions).

 PRACTICE

- 1** Oisín is making sandwiches for the 4th class picnic. He fills $\frac{3}{4}$ of one tray with ham sandwiches, $\frac{7}{8}$ of another tray with cheese sandwiches, and $\frac{1}{5}$ of a third tray with egg sandwiches. Order the trays from smallest fraction filled to largest.

- 2 At the school canteen till, a tray of lasagne costs €7.00 and a carton of soup costs €4.88. Insert $<$, $>$ or $=$ to compare the prices: 7 4.88.

- 1** Mr Murphy's class library has a display shelf split into **15** equal sections for the books returned this week. The class wants to fill **$\frac{4}{5}$** of the shelf with returned books. How many of the **15** sections should they fill?

To shade $\frac{4}{5}$ of a shape divided into 15 equal parts, how many parts must be shaded?

- 2** At Camogie training under the floodlights, Aoife's coach times her sprint between two cones at **2.9 seconds**. In **2.9**, which digit is in the tenths place?