

Fractions on a number line

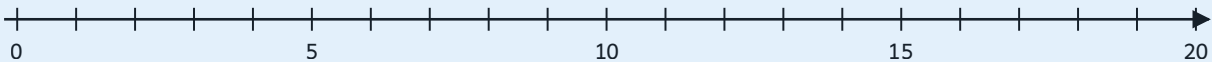
MODULE 3 · FRACTIONS AND FIRST DECIMALS NUMBER

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 $4/12 \rightarrow 1/4 < 1/3$

TRY IT ON THE LINE

Use the number line to place, count and round the numbers in the lesson.



1. Mark each number from the lesson with a small cross.
2. Count on (or back) in equal steps and label where you land.
3. For a rounding task, mark the two nearest tens and ring the closer one.

PRACTICE

- 1 Oisín is making sandwiches for the 4th class picnic. He fills $3/4$ of one tray with ham sandwiches, $7/8$ of another tray with cheese sandwiches, and $1/5$ of a third tray with egg sandwiches. Order the trays from smallest fraction filled to largest.
- 2 Aoife cuts a tray of flapjacks into 7 equal pieces for her sleepover. Her friends eat 5 of the pieces before bedtime. What fraction of the tray has been eaten?
A shape is divided into 7 equal parts and 5 are shaded. What fraction of the shape is shaded?

CHALLENGE

- 1 Aoife is at a sleepover and four friends each have a packet of biscuits. Cara has eaten $3/4$ of her packet, Oisín has eaten $7/8$, Niamh has eaten $1/5$ and Tadhg has eaten $11/12$. Order the amounts eaten from smallest to largest.
- 2 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 $4/5$ of the shelf with returned books. How many of the 15 sections should they fill?
To shade $4/5$ of a shape divided into 15 equal parts, how many parts must be shaded?