

## MODULE 3 · FRACTIONS, DECIMALS AND PERCENTAGES NUMBER

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

- **Compare fractions.** Make the bottom numbers (denominators) the same first. Then compare the top numbers.



Shade each fraction on its own strip, then write  $<$ ,  $>$  or  $=$  between the pair.

shade 1/3

shade  $\frac{2}{5} \rightarrow \frac{1}{3}$  \_\_\_\_\_  $\frac{2}{5}$

shade 3/4

shade  $\frac{5}{8} \rightarrow \frac{3}{4}$        $\frac{5}{8}$

1. Strip 1: shade  $\frac{1}{3}$  from the left.
2. Strip 2: shade  $\frac{2}{5}$  from the left.
3. Compare:  $\frac{1}{3}$  vs  $\frac{2}{5}$  — which is bigger?
4. Strip 3: shade  $\frac{3}{4}$ . Strip 4: shade  $\frac{5}{8}$ . Compare  $\frac{3}{4}$  vs  $\frac{5}{8}$ .

**1** Three pupils in 5th class fill their water bottles before going out to the yard. Oisín fills  $\frac{3}{4}$  of his bottle, Aoife fills  $\frac{7}{12}$  of hers, and Tadhg fills  $\frac{1}{12}$  of his. Order the bottles from smallest amount to largest amount of water.

- 2 Three pupils in 5th class have filled their water bottles before heading out to the yard. Oisín's bottle is  $\frac{3}{4}$  full, Aoife's is  $\frac{7}{8}$  full, and Tadhg's is  $\frac{1}{5}$  full. Order the bottles from least full to most full.

Order from smallest to largest:  $\frac{3}{4}$ ,  $\frac{7}{8}$ ,  $\frac{1}{5}$

1 Méabh checks how full four reading baskets are in the 5th class library. The baskets are  $\frac{3}{4}$ ,  $\frac{7}{12}$ ,  $\frac{1}{12}$  and  $\frac{1}{8}$  full of books. Order the baskets from smallest to largest amount of books.

- 2 In the school polytunnel, 5th class fill four seed trays with compost. The first tray is  $\frac{3}{4}$  full, the second is  $\frac{7}{8}$  full, the third is  $\frac{1}{5}$  full and the fourth is  $\frac{11}{12}$  full. Order the trays from least full to most full.

Order from smallest to largest:  $\frac{3}{4}$ ,  $\frac{7}{8}$ ,  $\frac{1}{5}$ ,  $\frac{11}{12}$