

Equivalent fractions, decimals, percents – first walk

MODULE 1 · PLACE VALUE AND THE DECIMAL NUMBER SYSTEM NUMBER

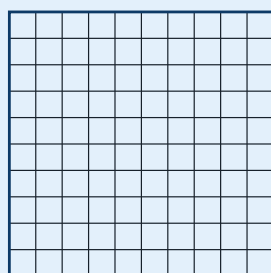
HOW TO ANSWER TODAY

- **Fraction · decimal · %.** Divide top by bottom to get a decimal. Multiply a decimal by 100 to get a percent. Write fractions in lowest terms.

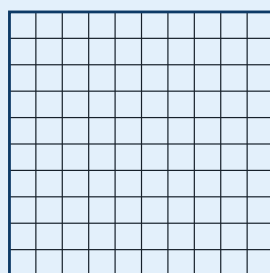
$$1/4 = 0.25 = 25\% \cdot 0.6 = 60\% = 3/5$$

 TRY IT ON THE LINE

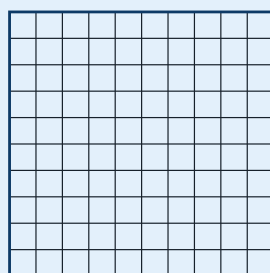
Shade the percent asked on each grid (50, 25, 75 and 10 cells). Then write each percent three ways — as a fraction, a decimal, and the percent itself.



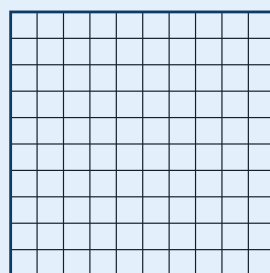
Grid A — 50%



Grid B — 25%



Grid C — 75%



Grid D — 10%

1. Grid A: shade **50%** (50 cells). Write it as a fraction = _____ decimal = _____
2. Grid B: shade **25%** (25 cells). Write it as a fraction = _____ decimal = _____
3. Grid C: shade **75%** (75 cells). Write it as a fraction = _____ decimal = _____
4. Grid D: shade **10%** (10 cells — one row). Write it as a fraction = _____ decimal = _____

 PRACTICE

- 1** On the coach trip to the Burren, $\frac{3}{5}$ of the 5th class pupils choose to bring a packed lunch from home. Write this fraction as a decimal and as a percentage.

- 2 Saoirse and her 5th class collect autumn leaves for an art lesson in the school garden. Of all the leaves gathered, **0.75** of them are golden brown. Express **0.75** as a fraction in lowest terms and as a percentage.

- 1** In Mr Byrne's 5th class library, **0.75** of the books borrowed last week were returned by Friday. Write **0.75** as a fraction in its lowest terms and as a percentage.

- 2 In 5th class, $\frac{3}{5}$ of the pupils have a turn carrying the GAA kit bag back from training each week. Write $\frac{3}{5}$ as a decimal and as a percentage.