Equivalent fractions, decimals, percents: independent

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% 0.6 = 60% = 3/5

STRETCH PROBLEMS

1. Tadhg looks in the classroom store after the children have shared out pencils and rulers. They have used **0.875** of the stock. Express **0.875** as a fraction in lowest terms and as a percentage.

2. The pupils in 5th class keep a tally of birds visiting the feeder at the classroom window. Robins make up **50%** of the visits recorded so far. Express **50%** as a fraction in lowest terms and as a decimal.

3. At the school athletics sports day, Aoife's team has finished **5/8** of the events on the programme. Express **5/8** as a decimal and as a percentage.

4. Saoirse pins gold star stickers on the 5th class noticeboard for completed homework charts. **3/10** of the stickers on the board are gold stars. Express **3/10** as a decimal and as a percentage.

5. 5th class are watching the bird feeder at the classroom window during nature week. Out of the visits Niamh tallies on Monday, **75%** are by goldfinches. Write **75%** as a fraction in its lowest terms and as a decimal.