

End-of-primary maths fair

MODULE 11 · END-OF-PRIMARY MODELLING AND REVIEW REVIEW

HOW TO ANSWER TODAY

- **Lowest terms.** Divide top and bottom by the same number until you can't go any further.
 $12/18 \div 6 \rightarrow 2/3$
- **Value of a digit.** Find which place the digit sits in, then write what it is worth there as a number (not the place name).
 In 3,742 the digit 7 sits in the hundreds place. Its value is 700.

★ STRETCH PROBLEMS

- At Méabh's sleepover, 4 of the 6 biscuits in the shared packet have icing on top. Write the fraction of iced biscuits in its lowest terms.
 Simplify $4/6$ to lowest terms.
- Over the school year, the 6th class bake for many cake sales to raise funds for the Junior Infants new playground. They use 5.988 kg of sugar and 33.34 kg of flour. How much sugar and flour do they use in total?
- Tadhg helps plant seeds in the school polytunnel in spring. A chart on the noticeboard shows that 9,577,003 seeds were ordered for primary schools nationwide. In 9,577,003, what is the value of the second digit 7, reading from the left? (Each zero still holds a place.)
- Róisín and her cousins meet at granny's house for Sunday dinner. They read a newspaper cutting that says 2,079,309 people visited Glendalough last year. What is the value of the first digit 9 in that number, reading from the left?
- Méabh's family bake a barmbrack for Halloween and cut it into 16 equal pieces. Méabh eats 6 of the pieces. Simplify the fraction of the barmbrack she eats to its lowest terms.

