Finding a fraction of a quantity

MODULE 3 · FRACTIONS, DECIMALS AND PERCENTAGES NUMBER

HOW TO ANSWER TODAY

- **Fraction of a quantity.** Divide the quantity by the bottom number (denominator). Multiply by the top number (numerator).
  3/5 of 20 → 20 ÷ 5 = 4, × 3 = 12

STRETCH PROBLEMS

1. **120** pupils take part in the after-school Camogie training session under the floodlights. **3/5** of the pupils are from 5th class and the rest are from 6th class. How many pupils are from 5th class?
   What is 3/5 of 120?

2. **160** pupils from 5th class set off on a coach trip to the Burren in Clare. By lunchtime, **7/10** of the pupils have filled in their nature worksheets. How many pupils have filled in their worksheets?
   What is 7/10 of 160?

3. 5th class have **80** library books to bring back to the school library across the term. On the school-bag rota, Tadhg agrees to carry **1/10** of the books in his schoolbag this week. How many books does Tadhg carry?
   What is 1/10 of 80?