

Problem-solving with discounts and increases

MODULE 3 · FRACTIONS, DECIMALS AND PERCENTAGES NUMBER

HOW TO ANSWER TODAY

- **Sale price.** Find the discount (percent of price). Subtract from the original price.

€60, 20% off → 20% of €60 = €12 → €60 - €12 = €48

★ STRETCH PROBLEMS

- 1 Niamh spots a winter jacket priced at **€255.99** in the Dunnes Stores sale. There is **15%** off everything at the till that morning. What is the sale price of the jacket?
- 2 Saoirse and her cousins are pooling their money to buy Granda a winter jacket as a joint birthday present. The jacket is priced at **€453.99** in Dunnes Stores and has **35%** off in the sale. What is the sale price of the jacket?
- 3 Niamh's family are buying a new electric bike for her older brother, priced at **€231.00** in the Cork shop. The shop has a **30%** discount on all bikes this weekend. What is the sale price of the bike?
- 4 Saoirse spots a jacket priced at **€131.00** in the Dunnes Stores winter sale, with **40%** off at the till. What is the sale price after the discount?
- 5 A winter jacket in Dunnes Stores costs **€132.00** before a **15%** discount in the January sale. Saoirse's mam wants to buy it for her. What is the sale price?

● INVESTIGATE

Hunt for the best deal

A jacket costs €60. Shop A offers '25% off'. Shop B offers '€20 off'. Shop C offers 'buy one get the second half price' if you buy two. Which is the best value in different situations? Explain.
