

Class-shop modeling: designed by pupils

MODULE 9 · MATHEMATICAL MODELING AND END-OF-YEAR REVIEW

REVIEW

HOW TO ANSWER TODAY

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

€60, 20% off $\rightarrow 20\%$ of €60 = €12 $\rightarrow$ €60 - €12 = €48

★ STRETCH PROBLEMS

- 1 Saoirse's mum sees a winter jacket priced at €498.99 in the local shop. The shop is offering a 22% discount this week. What is the sale price of the jacket?
- 2 At the 5th class book fair, Aoife's stall takes in €59.69 from paperback sales on Monday and €28.80 from bookmark sales on Tuesday. How much money has her stall taken in altogether?
- 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 The 5th class bake sale has raised €96.14 for their trip to Glendalough. Aoife spends €18.76 of the takings on flour and butter for more cakes. How much money is left for the trip?
- 5 At the Saturday farmers' market in Cork, the cheese stall takes €76.28 in the first hour and €75.53 in the second hour. How much money has the stall taken in total?

