

Percent of a quantity: 10%, 25%, 50%

MODULE 3 · FRACTIONS, DECIMALS AND PERCENTAGES NUMBER

HOW TO ANSWER TODAY

- **Discount / increase.** Work out the percent of the price, then take it off (discount) or add it on (increase).

€80 with 15% off $\rightarrow$ 15% of €80 = €12 $\rightarrow$ €80 - €12 = €68

★ STRETCH PROBLEMS

- 1 Saoirse's class raised **€100** for a school trip to the Burren. A local business then increased the fund by **40%**. What is the new amount?
- 2 Aoife's 5th class are booking a school tour to the Cliffs of Moher. The trip costs **€40** per pupil, but the price is increased by **40%**. What is the new amount?
- 3 **140** pupils from 5th class are going on the school tour to the Cliffs of Moher in Clare. **15%** of the pupils have chosen the guided walk along the cliff path. How many pupils have chosen the guided walk?
- 4 A picnic hamper for the 5th class trip costs **€180** at the local Centra deli. The shop gives the class a **15%** discount because they are ordering for a school event. What is the new price of the hamper?
- 5 The local bakery bakes **60** barmbracks for the Halloween weekend. **30%** of the barmbracks contain a ring. How many barmbracks contain a ring?