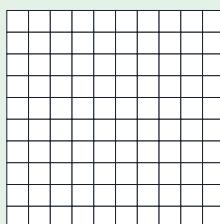


Calculating discounts, VAT and percentages of price

MODULE 6 · TIME AND MONEY

MEASURES

Discounts take a percentage **off**; VAT adds a percentage **on**. Find the percentage of the price, then subtract or add.



- 15% off €40 → -€6 → **€34**.
- Add 23% VAT to €100 → **€123**.

ADD 23% VAT TO A €200 PRICE

- 1 Find 23% of €200: 10% = €20, 1% = €2, so 23% = €20 + €20 + €6 = **€46**.
- 2 Add it on: €200 + €46 = **€246**.

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

WARM-UP

- 1 Aoife spots a jacket priced at **€68.00** in the Dunnes Stores sale, with **20%** off at the till. What is the sale price of the jacket?
A jacket costs €68.00 before a 20% discount.
What is the sale price?
- 2 The school bake sale has a fleece jacket with the GAA crest on the prize stall, marked at **€35.00**. Today only, it has **10%** off. What is the sale price?
A jacket costs €35.00 before a 10% discount.
What is the sale price?

PRACTICE

- 1 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?
A jacket costs €131.00 before a 40% discount. What is the sale price?
- 2 Niamh spots a jacket priced at **€188.00** in the Dunnes Stores winter sale, with **15%** off at the till. What is the sale price after the discount?
A jacket costs €188.00 before a 15% discount. What is the sale price?

CHALLENGE

- 1 Niamh spots a winter jacket priced at **€366.99** in the window of Dunnes Stores on the way home from school. A sign says everything is **15%** off this weekend. What is the sale price of the jacket?
A jacket costs €366.99 before a 15% discount. What is the sale price?
- 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?
A jacket costs €453.99 before a 35% discount. What is the sale price?