TEACHER RESOURCE BOOK · MATHS FOR 6TH CLASS

Lesson 66 MEASURES

# Profit, loss and best-value shopping

## WHAT THIS LESSON TEACHES

Profit is selling price minus cost price. Best value is found by dividing pack price by number of items to get the unit price.

→ A 6-pack costs €2.40 so each pot is 40c.

→ Singles at 45c each cost more than the 6-pack unit price.

## MODEL THIS ON THE BOARD

### FINDING THE BETTER BUY

1. Divide the pack price by the number of items: €2.40 ÷ 6 = 40c per pot.
2. Compare with the single price of 45c.
3. The 6-pack wins because 40c is less than 45c.

## ANSWER KEY

**a)** €0.40

**b)** €0.90

**c)** €1.50

**Q1:** €0.60

**Q2:** 8-pack (25c each)

**Q3:** 9-pack (€0.30 each)

**Q4:** 20-pack (€0.20)

**Q5:** big box (1c per g)

**a)** Never — You must calculate the unit price to be sure.

**b)** Always — That is the definition of profit.

**c)** Always — The lower unit price is the better value.

**d)** Always — Loss is the opposite of profit.

## EXTENSION SHEET · STRETCH ANSWERS

**S1:** €2.55

**S2:** €311.94 (discount: €55.05)

**S3:** €88.49

**S4:** €151.81

**S5:** €3.43