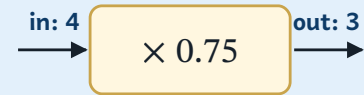


Direct proportion and the unitary method

WHAT THIS LESSON TEACHES

In **direct proportion**, as one amount grows the other grows at the same rate. The **unitary method** finds the value of **one** first.

→ 3 pens cost €1.50 → 1 pen = €0.50 → 7 pens = **€3.50**.



MODEL THIS ON THE BOARD

IF 4 PENS COST €3, WHAT DO 10 COST?

- ① Find the cost of **one**: $€3 \div 4 = \text{€}0.75$.
- ② Then multiply: $10 \times \text{€}0.75 = \text{€}7.50$.

ANSWER KEY

W1: €18

W2: €14

Q1: €27

Q2: €50

Q3: €120

Q4: €20 + €30 + €50

EXTENSION SHEET · STRETCH ANSWERS

S1: €18 + €27 + €45

S2: €24 + €36 + €60

S3: 5 + 10 + 20

S4: 9 + 45

S5: 20 + 50