

Lesson 40 **NUMBER****Percent of a quantity – 10%, 25%, 50%**

WHAT THIS LESSON TEACHES

Per-cent means 'out of one hundred'. To find a percent of an amount, write the percent as a fraction with denominator 100, then multiply.

→ **10% of 80** → $10/100 \times 80 = 8$.

→ **25% of 80** → $25/100 \times 80 = 20$.

→ **50% of 80** → $50/100 \times 80 = 40$.

MODEL THIS ON THE BOARD

FIND 25% OF 80

1 25% means 25 out of 100, which simplifies to **1/4**.

2 Find 1/4 of 80: divide by 4.

3 $80 \div 4 = 20$. So 25% of 80 = **20**.

ANSWER KEY

a) 10% of 80 = **8**.

Q1: 210

b) 25% of 80 = **20**.

Q2: 124

c) 50% of 80 = **40**.

Q3: €153

d) 75% of 80 = **60** ($50\% + 25\% = 40 + 20$).

Q4: 21

EXTENSION SHEET · STRETCH ANSWERS

S1: €170

S3: 480

S2: 180