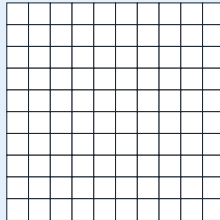


Lesson 36 **NUMBER****Finding a percentage of a quantity**

WHAT THIS LESSON TEACHES

To find a percentage of an amount, turn the percent into a fraction or decimal and **multiply**. Finding 10% then scaling is a handy mental route.



→ 25% of €60 = $\frac{1}{4} \times 60 = \text{€}15$.

→ 10% of 80 = 8, so 30% = 24.

MODEL THIS ON THE BOARD

FIND 15% OF €80

① 10% of €80 = **€8**.

② 5% is half of that = **€4**.

③ 15% = €8 + €4 = **€12**.

ANSWER KEY

Warm-up: a) 16 b) 8 c) 80 d) 20

Q1: 124

Q2: 180

Spot: 20% is **two** lots of 10%: €6 + €6 = **€12**.

EXTENSION SHEET · STRETCH ANSWERS

S1: €153

S2: 210

S3: 480