

Finding a percentage of a quantity

WHAT THIS LESSON TEACHES

To find a percentage of a quantity, divide by 100 to get 1%, then multiply by the percent needed. Use 10% as the master key by dividing by ten.

→ 10% of €80 is $€80 \div 10 = €8$.

→ 25% of €60 is a quarter of €60 = €15.

MODEL THIS ON THE BOARD

FINDING 20% OF €45

① Divide €45 by 5 to find one fifth.

② 20% is the same as one fifth.

③ $45 \div 5$ gives the answer.

ANSWER KEY

Scaffold: visual check on the page

Q1: €8

Q2: €22

Q3: €15

Q4: €14

Q5: €54

a) Always — Dividing by ten always gives one tenth which is 10%.

b) Always — 25% is one quarter so dividing by four works for any quantity.

c) Always — 10% plus 5% (half of 10%) always makes 15%.

d) Always — 20% equals one fifth so dividing by five is always correct.

EXTENSION SHEET · STRETCH ANSWERS

S1: €170

S2: 21

S3: €153

S4: 124

S5: 180