

Ratio and proportion problem-solving

WHAT THIS LESSON TEACHES

Ratio problems usually come down to finding the **value of one part or one item**, then scaling to what's asked.



→ Draw a bar split into parts to picture the shares before you calculate.

DISCUSSION STARTER

REFLECT When is a ratio more useful than a fraction for describing a situation?

ANSWER KEY

W1: €35

W2: $8\frac{2}{3} = \frac{8}{12}$

Q1: $\frac{5}{7}$

Q2: $\frac{1}{12} < \frac{7}{12} < \frac{3}{4}$

Q3: 72

Q4: 57

EXTENSION SHEET · STRETCH ANSWERS

S1: €20 + €30 + €50

S2: €170

S3: €153

S4: 77

S5: €24 + €36 + €60