

## Decimal and fractional measures in problems

### WHAT THIS LESSON TEACHES

Measurements are often decimals or fractions. Convert to a **single unit** before you add, subtract or compare.

→  $1.2 \text{ km} + 750 \text{ m} \rightarrow 1200 \text{ m} + 750 \text{ m} = \mathbf{1950 \text{ m}}$ .

→ Half a litre + 300 ml =  $500 + 300 = \mathbf{800 \text{ ml}}$ .

### ANSWER KEY

W1: 49 mm

W2: 84 mm

Q1: 14.4 cm

Q2: 112 m

Q3: 28.4 cm

Q4: 0.07628 km

### EXTENSION SHEET · STRETCH ANSWERS

S1: 14.8 cm

S2: 3.29 km

S3: 0.05969 km

S4: 14.6 cm

S5: 12.4 cm