

Converting units of mass and capacity

WHAT THIS LESSON TEACHES

Mass and capacity convert by **×1000**: 1 kg = 1000 g and 1 litre = 1000 ml. Multiply to go smaller, divide to go bigger.

→ 3.5 kg = **3500 g**; 1750 ml = **1.75 litres**.

MODEL THIS ON THE BOARD

CONVERT 3.5 KG TO G, AND 1750 ML TO LITRES

① kg → g: $\times 1000 \rightarrow 3.5 \times 1000 = \mathbf{3500\ g}$.

② ml → litres: $\div 1000 \rightarrow 1750 \div 1000 = \mathbf{1.75\ litres}$.

ANSWER KEY

W1: 70 mm

W2: 32 cm²

Q1: 0.892 l

Q2: 7.8 cm

Q3: 0.05969 km

Q4: 3.29 km

EXTENSION SHEET · STRETCH ANSWERS

S1: 0.07628 km

S2: 7.17 m

S3: 0.981 kg

S4: 4.95 m