

Weight – estimate and weigh in kilograms and grams

WHAT THIS LESSON TEACHES

Weight is measured in grams or kilograms on a scale. 1 kg equals 1000 g.

→ A bag of sugar weighs about 1 kilogram.

→ An apple weighs about 150 g.

MODEL THIS ON THE BOARD

CONVERT KG TO G

- 1 Start with the weight in kilograms.
- 2 Multiply by 1000 to change to grams.
- 3 3 kg becomes 3000 g.

DISCUSSION STARTER

REFLECT Did feeling the weight in your hands help your estimate? When does that work best?

ANSWER KEY

a) 150 g

b) 350 g

c) 1 kg

Q1: 0.15 kg

Q2: 1000 g

Q3: 2.5 kg

a) Always — This is the exact definition of the units.

b) Never — An apple is much lighter, around 150 g.

c) Sometimes — It depends on what is inside the bag.

d) Never — Weights vary widely from grams to kilograms.

EXTENSION SHEET · STRETCH ANSWERS

S1: 19 cm

S2: 11 cm

S3: 11 cm

S4: 16 cm

S5: 11 cm