

LEVEL 3 FLUENCY

8

A bag contains 200 sweets.

Each sweet weighs 1.5 g.

The bag itself weighs 16 g.

Huan has some bags of sweets. The total mass is 1.264 kg.

How many bags of sweets does Huan have?

Jack wants to find out the mass of his suitcase.

Jack weighs 34.5 kg.

He steps onto the scales and it shows 47 kg and 200 g.

How heavy is his suitcase?



Some children are measuring the lengths of different items in their classroom:

Bookshelf = 0.8m

Exercise book = 30.5cm

Pencil = 140mm

Reading book = 12.5cm

Chair = $1\frac{1}{4}$ m



What do the items measure altogether in metres?

- b) A climber has climbed $\frac{7}{8}$ of the way up a mountain and stops to rest 450m away from the summit. How high is the mountain in kilometres?

Total Height of Mountain = _____						
						450m

- 2) Solve the following questions, using a bar model to help when needed.

- a) I walk for 1650m, cycle for 5.4km and run for 2.12km. How far did I travel altogether?
Give your answer in km.
- b) A fish tank contains 10500ml of water. A bucket holds 1.75l of water. How many buckets of water will I need in order to fill my fish tank?