

Tuesday (hard) – LO: to convert between metric measures.

Varied fluency

Reasoning and problem solving

9a. True or false?

26% of 1.239kg is smaller than 322g.

★ VF

10a. Put these measurements in order from smallest to largest.

0.008m

0.63cm

2.08m

8,003mm

0.73mm

81.08cm

★ VF

11a. Complete the missing operation and measurement to convert between m and mm.

1.104m = _____ mm

★ VF

12a. Find and correct the errors in these conversions:

a. 563m = 0.563km

b. 23.56mm = 2,356cm

c. 548,000mm = 5,480m

d. 800.006cm = 8,000.06mm

★ VF

7b. Sartaq thinks that he built the tallest Lego tower in his group of friends.


	7am	10am	1pm
Sartaq	1.543m	2,875mm	35.4cm
Jean	81.63cm	2.652m	1,243.2mm
Rhoe	162.54mm	5.68m	10.5mm
Sue	1.489m	65.24cm	1,874.4mm
Bill	1,485mm	2,302.5mm	2.005m

Do you agree? Explain why.


★ R

8b. A paper bag has a maximum weight allowance of 1,810.97g.


Holly buys 4 items in total and fills her bag to capacity. How many of each item did she buy?



Nuts
81.23g




Sausages
352.51g



Apples
1.296kg


★ PS

9b. Sara and James are converting 259,200 seconds into hours.



Sara

The answer is 4,320 hours.



James

The answer is 72 hours.

Who is correct? Explain why.

★ R