

Homework/Extension

Convert Metric Measures

Developing

1. C. (1kg), E. (15kg), G. (400mm), H (25,000g)

2.

6,500g	350mm
4,500ml	5,000ml
35cm	6.5kg
5L	4.5L

3. Samara is correct because to convert mm to cm, you need to divide by 10.
 $355 \div 10 = 35.5$

Expected

4. A. (1.6m), B. (5,050cm), D. (1,000ml), E. (0.562kg), F. (0.5km), G. (0.075ml)

5.

710cm	7m
700cm	0.5m
500mm	71m
7,100cm	5.02m
502cm	7.1m

6. Aelin is correct because to convert L to ml, you need to multiply by 1,000.
 $3.657 \times 1,000 = 3,657$

Greater Depth

7. A. (37,000mm), B. (15.3cm), D. (392g), E. (155mm), F. (106,020g), H. (40.206kg)

8.

25% of 2.5L	1,696ml
21.04L	106ml
$\frac{2}{5}$ of 4.24L	8,835ml
0.106L	625ml
15% of 58.9L	21,040ml

9. Rudie is correct because to convert m to mm, you need to multiply by 1,000.
 $112.008 \times 1,000 = 112,008$