

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

**Varied fluency**

1a. True or false?

10% of 3kg is smaller than 1,000g.

★ VF

2a. Put these measurements in order from smallest to largest.

100cm

1.5m

150mm

1.5cm

★ VF

3a. Complete the missing operation and measurement to convert between kg and g.

1.5kg  = \_\_\_\_\_ g

★ VF

4a. Find and correct the errors in these conversions:

a. 150cm = 15m

b. 50m = 5,000cm

c. 25mm = 2.5cm

d. 1L = 100ml

★ VF

**Reasoning and problem solving**

1b. Farah thinks that her sunflower grew the most in week 4.

|      | Day 2  | Day 4  | Day 7  |
|------|--------|--------|--------|
| Wk 1 | 9.5cm  | 60mm   | 14.5cm |
| Wk 2 | 22.5cm | 35mm   | 9cm    |
| Wk 3 | 115mm  | 14.5cm | 18cm   |
| Wk 4 | 3.5cm  | 17.5cm | 0.2m   |
| Wk 5 | 85mm   | 2.5cm  | 4.5cm  |

Do you agree? Explain why.

★ R

2b. A paddling pool has a maximum water allowance of 25,600ml.

Liam uses 6 bottles in total and fills his pool to capacity. How many of each size did he use?

| Small | Medium | Large |
|-------|--------|-------|
| 600ml | 3.5L   | 6L    |

★ PS

3b. Sophie and Jamal are converting 8.5L into millilitres.

Sophie

I need to multiply by 100. The answer is 850ml.

I need to multiply by 1,000. The answer is 8,500ml.

Jamal

Who is correct? Explain why.

★ R