

Mild Answers

1. 2kg = 2000g
2. 4kg = 4000g
3. 5l = 5000ml
4. 9l = 9,000ml
5. 10km = 10,000m
6. 13km = 130000m

1a. $4\text{km} + 2,000\text{m} + 1\text{km} = 7\text{km}$

3a. No, 1km = 1,000m which is less than 1,500m so Jack has not skated as far as Maria.

1a. $3\frac{1}{2}\text{km} = 3,500\text{m}$; $7,500\text{m} = 7\frac{1}{2}\text{km}$;
 $4,000\text{m} = 4\text{km}$; $6\text{km} = 6,000\text{m}$

1b. $9,500\text{m} = 9\frac{1}{2}\text{km}$; $2\text{km} = 2,000\text{m}$;
 $1,500\text{m} = 1\frac{1}{2}\text{km}$; $5\text{km} = 5,000\text{m}$

2a. False, 5,000m is more than $4\frac{1}{2}\text{km}$.

2b. True

Medium Answers

- e. 3500m = 3.5 km
- f. 4.5km = 4500m
- g. 3.6litres = 3600ml
- h. 5800g = 5.8kg

- a. 3500ml = 3.5litres
- b. 1.8km = 1800m
- c. 6600g = 6.6kg
- d. 7.2kg = 7200g

1b. 150cm

2b. 9.5kg; 9,000g; 325g; 95g

3a. $\times 1,000$; 1,500

4b. A. $500\text{g} = 0.5\text{kg}$; B. $2,200\text{ml} = 2.2\text{L}$

5a. 2,520ml

3b. Tim's table is incorrect. He has divided by 100 instead of 1,000.

ml	L
450ml	0.45L
3,200ml	3.2L
6,400ml	6.4L

Hot Answers

- a. 3594m = 3.594km b. 4.521km = 4521m c. 3.68litres = 3680ml d. 5870ml = 5.87litres
e. 350ml = 0.35litres f. 0.58km = 580m g. 6680g = 6.68kg f. 7.25kg = 7250g

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

5b. 3,040g

6b. 1.27kg; 1,002g; 1kg; 500g; 0.25kg;
125g

7b. $\times 1,000$; 3,200

4b. Ellie is incorrect because her container filled with 240ml on Friday, which is more than any other day.

6b. Charlotte's table is incorrect. She has divided by 100 instead of 1,000.

g	kg
2,003g	2.003kg
72,106g	72.106kg
6,021g	6.021kg