YEAR 6 · MEASUREMENT

Converting Units of Mass and Capacity

Practise converting between grams and kilograms, and millilitres and litres in everyday situations.

Name _____ **Date** _____

Write each answer with its unit. Show your working where you need to.

1 Quick conversions

1. 4.2 kg = _____ g

Answer _____

2. 3,750 g = _____ kg

Answer _____

3. 0.68 kg = _____ g

Answer _____

4. 2.35 L = _____ mL

Answer _____

5. 4,600 mL = _____ L

Answer _____

6. 0.9 L = _____ mL

Answer _____

2 Use units in context

7. A bag of potatoes weighs 1.8 kg. What is its mass in grams?

Working _____

Answer _____

8. A jug contains 1.25 L of juice. How many millilitres is this?

Working _____

Answer _____

9. A recipe uses 750 g of flour and 0.4 kg of sugar. What is their total mass in grams?

Working _____

Answer _____

10. A 2 L bottle has 650 mL poured out. How many millilitres remain?

Working _____

Answer _____

11. Three tubs each weigh 450 g. What is their total mass in kilograms?

Working _____

Answer _____

12. A 1.5 L carton fills 200 mL cups. How many full cups can be filled, and how much juice is left?

Working _____

Answer _____

3 One more to think about

13. A parcel weighs 1.35 kg. Another parcel weighs 1,280 g. Which parcel is heavier, and by how many grams?

Working _____

Answer _____

Before you finish, check that every answer has the correct unit.