YEAR 7 • MEASUREMENT

Converting Units of Mass and Capacity

Practise converting between grams and kilograms, and millilitres and litres.

Name _____ **Date** _____

Remember 1 kg = 1,000 g | 1 L = 1,000 mL

Write each answer in the unit shown. Show your working in Section C.

A Convert the units

Mass

1. 3.6 kg = _____ g
2. 8,450 g = _____ kg
3. 0.72 kg = _____ g
4. 1,250 g = _____ kg
5. 2 kg 85 g = _____ g

Capacity

6. 4.2 L = _____ mL
7. 6,750 mL = _____ L
8. 0.85 L = _____ mL
9. 125 mL = _____ L
10. 3 L 40 mL = _____ mL

B Solve the word problems

11. A backpack has a mass of 2.4 kg and a textbook has a mass of 875 g. What is their total mass in grams?

Working _____

Answer _____ **g**

12. A 5 kg bag of flour has 1,350 g used. How much flour is left, in kilograms?

Working _____

Answer _____ **kg**

13. A jug contains 2 L 500 mL of juice. If 750 mL is poured out, how much juice remains in millilitres?

Working _____

Answer _____ **mL**

14. A water bottle holds 1.5 L. How many litres of water are in 8 full bottles?

Working _____

Answer _____ **L**