YEAR 8 · MEASUREMENT

Converting Between Metric Units

Lengths · Masses · Capacities

Name _____ **Date** _____

Convert each measurement to the unit shown. In the final section, show your working.

01 Length

mm · cm · m · km

1. 4.8 m = _____ cm
2. 3,600 mm = _____ m
3. 0.72 km = _____ m
4. 235 cm = _____ m
5. 1.35 m = _____ mm
6. 5.06 km = _____ m

02 Mass

g · kg

7. 2.4 kg = _____ g
8. 3,750 g = _____ kg
9. 0.85 kg = _____ g
10. 625 g = _____ kg
11. 1.025 kg = _____ g
12. 4,080 g = _____ kg

03 Capacity

mL · L

13. 3.2 L = _____ mL
14. 2,450 mL = _____ L
15. 0.75 L = _____ mL
16. 680 mL = _____ L
17. 1.08 L = _____ mL
18. 3,600 mL = _____ L

04 Use metric units in context

Show your working

19. A walking route is 3.6 kilometres long. What is its length in metres?

20. A parcel has a mass of 1.25 kilograms. Another parcel has a mass of 680 grams. What is their total mass in grams?

21. A 3-litre jug is used to fill 250-millilitre cups. How many full cups can be filled?