



Metric units of length, weight and capacity

Grade 4 Measurement Worksheet

Convert to the units shown:

1. 0.52 km = _____ m
2. 95 m = _____ mm
3. 86 km = _____ cm
4. 0.51 L = _____ mL
5. 0.60 kg = _____ g
6. 5.9 kg = _____ g
7. 4.4 km = _____ cm
8. 0.58 L = _____ mL
9. 62 km = _____ m
10. 9.5 km = _____ m
11. 3.3 L = _____ mL
12. 7.2 kg = _____ g

Convert to the units shown:

13. 100.0 cm = _____ km
14. 500.0 g = _____ kg
15. 10.00 m = _____ km
16. 20.00 m = _____ km
17. 70.00 cm = _____ m
18. 2,000 mL = _____ L
19. 4,000 m = _____ km
20. 800.0 cm = _____ km
21. 8,000 g = _____ kg
22. 20.00 mL = _____ L
23. 800.0 g = _____ kg
24. 9,000 m = _____ km



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Convert to the units shown:

1. $0.52 \text{ km} = \underline{520} \text{ m}$
2. $95 \text{ m} = \underline{95,000} \text{ mm}$
3. $86 \text{ km} = \underline{8,600,000} \text{ cm}$
4. $0.51 \text{ L} = \underline{510} \text{ mL}$
5. $0.60 \text{ kg} = \underline{600} \text{ g}$
6. $5.9 \text{ kg} = \underline{5,900} \text{ g}$
7. $4.4 \text{ km} = \underline{440,000} \text{ cm}$
8. $0.58 \text{ L} = \underline{580} \text{ mL}$
9. $62 \text{ km} = \underline{62,000} \text{ m}$
10. $9.5 \text{ km} = \underline{9,500} \text{ m}$
11. $3.3 \text{ L} = \underline{3,300} \text{ mL}$
12. $7.2 \text{ kg} = \underline{7,200} \text{ g}$

Convert to the units shown:

13. $100.0 \text{ cm} = \underline{0.001} \text{ km}$
14. $500.0 \text{ g} = \underline{0.5} \text{ kg}$
15. $10.00 \text{ m} = \underline{0.01} \text{ km}$
16. $20.00 \text{ m} = \underline{0.02} \text{ km}$
17. $70.00 \text{ cm} = \underline{0.7} \text{ m}$
18. $2,000 \text{ mL} = \underline{2} \text{ L}$
19. $4,000 \text{ m} = \underline{4} \text{ km}$
20. $800.0 \text{ cm} = \underline{0.008} \text{ km}$
21. $8,000 \text{ g} = \underline{8} \text{ kg}$
22. $20.00 \text{ mL} = \underline{0.02} \text{ L}$
23. $800.0 \text{ g} = \underline{0.8} \text{ kg}$
24. $9,000 \text{ m} = \underline{9} \text{ km}$