



Metric unit conversions - mixed (mass, length and capacity)

Grade 5 Measurement Worksheet

Convert to the units shown.

1. 4.64 L = _____ mL
2. 11.6 L = _____ mL
3. 48.8 m = _____ cm
4. 754 L = _____ mL
5. 239 L = _____ mL
6. 1.8 kg = _____ g
7. 459 cm = _____ mm
8. 12.9 L = _____ mL
9. 9.45 kg = _____ g
10. 6.58 L = _____ mL
11. 46,248 g = _____ kg
12. 8,106 mm = _____ cm
13. 8,303 mL = _____ L
14. 48,096 mm = _____ cm
15. 35,637 mm = _____ cm
16. 39,671 mL = _____ L
17. 4,555 mm = _____ cm
18. 32,288 mL = _____ L
19. 37,604 mm = _____ cm
20. 3,398 mm = _____ cm



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Convert to the units shown.

1. $4.64 \text{ L} = \underline{4,640} \text{ mL}$
2. $11.6 \text{ L} = \underline{11,600} \text{ mL}$
3. $48.8 \text{ m} = \underline{4,880} \text{ cm}$
4. $754 \text{ L} = \underline{754,000} \text{ mL}$
5. $239 \text{ L} = \underline{239,000} \text{ mL}$
6. $1.8 \text{ kg} = \underline{1,800} \text{ g}$
7. $459 \text{ cm} = \underline{4,590} \text{ mm}$
8. $12.9 \text{ L} = \underline{12,900} \text{ mL}$
9. $9.45 \text{ kg} = \underline{9,450} \text{ g}$
10. $6.58 \text{ L} = \underline{6,580} \text{ mL}$
11. $46,248 \text{ g} = \underline{46.248} \text{ kg}$
12. $8,106 \text{ mm} = \underline{810.6} \text{ cm}$
13. $8,303 \text{ mL} = \underline{8.303} \text{ L}$
14. $48,096 \text{ mm} = \underline{4,809.6} \text{ cm}$
15. $35,637 \text{ mm} = \underline{3,563.7} \text{ cm}$
16. $39,671 \text{ mL} = \underline{39.671} \text{ L}$
17. $4,555 \text{ mm} = \underline{455.5} \text{ cm}$
18. $32,288 \text{ mL} = \underline{32.288} \text{ L}$
19. $37,604 \text{ mm} = \underline{3,760.4} \text{ cm}$
20. $3,398 \text{ mm} = \underline{339.8} \text{ cm}$