



Convert metric units of volume and mass

Grade 6 Measurements Worksheet

Convert the given measures to new units.

1. $100 \text{ kg} = \underline{\hspace{2cm}} \text{ g}$ 2. $89 \text{ L} = \underline{\hspace{2cm}} \text{ mL}$

3. $48 \text{ mL} = \underline{\hspace{2cm}} \text{ L}$ 4. $26 \text{ g} = \underline{\hspace{2cm}} \text{ kg}$

5. $47 \text{ kg} = \underline{\hspace{2cm}} \text{ g}$ 6. $3.6 \text{ g} = \underline{\hspace{2cm}} \text{ kg}$

7. $0.99 \text{ mL} = \underline{\hspace{2cm}} \text{ L}$ 8. $25 \text{ L} = \underline{\hspace{2cm}} \text{ mL}$

9. $11 \text{ mL} = \underline{\hspace{2cm}} \text{ L}$ 10. $56 \text{ mL} = \underline{\hspace{2cm}} \text{ L}$

11. $5.1 \text{ mL} = \underline{\hspace{2cm}} \text{ L}$ 12. $2.5 \text{ kg} = \underline{\hspace{2cm}} \text{ g}$

13. $4.0 \text{ mL} = \underline{\hspace{2cm}} \text{ L}$ 14. $76 \text{ g} = \underline{\hspace{2cm}} \text{ kg}$

15. $0.66 \text{ L} = \underline{\hspace{2cm}} \text{ mL}$ 16. $6.6 \text{ g} = \underline{\hspace{2cm}} \text{ kg}$

17. $10 \text{ mL} = \underline{\hspace{2cm}} \text{ L}$ 18. $0.89 \text{ g} = \underline{\hspace{2cm}} \text{ kg}$

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Convert the given measures to new units.

1. $100 \text{ kg} = \underline{100,000} \text{ g}$
2. $89 \text{ L} = \underline{89,000} \text{ mL}$
3. $48 \text{ mL} = \underline{0.048} \text{ L}$
4. $26 \text{ g} = \underline{0.026} \text{ kg}$
5. $47 \text{ kg} = \underline{47,000} \text{ g}$
6. $3.6 \text{ g} = \underline{0.0036} \text{ kg}$
7. $0.99 \text{ mL} = \underline{0.00099} \text{ L}$
8. $25 \text{ L} = \underline{25,000} \text{ mL}$
9. $11 \text{ mL} = \underline{0.011} \text{ L}$
10. $56 \text{ mL} = \underline{0.056} \text{ L}$
11. $5.1 \text{ mL} = \underline{0.0051} \text{ L}$
12. $2.5 \text{ kg} = \underline{2,500} \text{ g}$
13. $4.0 \text{ mL} = \underline{0.004} \text{ L}$
14. $76 \text{ g} = \underline{0.076} \text{ kg}$
15. $0.66 \text{ L} = \underline{660} \text{ mL}$
16. $6.6 \text{ g} = \underline{0.0066} \text{ kg}$
17. $10 \text{ mL} = \underline{0.01} \text{ L}$
18. $0.89 \text{ g} = \underline{0.00089} \text{ kg}$