



Convert metric units of volume and mass

Grade 6 Measurements Worksheet

Convert the given measures to new units.

1. $9.7 \text{ kg} = \underline{\hspace{2cm}} \text{ g}$ 2. $68 \text{ L} = \underline{\hspace{2cm}} \text{ mL}$

3. $3.7 \text{ kg} = \underline{\hspace{2cm}} \text{ g}$ 4. $0.20 \text{ L} = \underline{\hspace{2cm}} \text{ mL}$

5. $7.2 \text{ mL} = \underline{\hspace{2cm}} \text{ L}$ 6. $8.7 \text{ g} = \underline{\hspace{2cm}} \text{ kg}$

7. $2.7 \text{ mL} = \underline{\hspace{2cm}} \text{ L}$ 8. $95 \text{ L} = \underline{\hspace{2cm}} \text{ mL}$

9. $0.68 \text{ L} = \underline{\hspace{2cm}} \text{ mL}$ 10. $0.23 \text{ kg} = \underline{\hspace{2cm}} \text{ g}$

11. $4.8 \text{ g} = \underline{\hspace{2cm}} \text{ kg}$ 12. $34 \text{ kg} = \underline{\hspace{2cm}} \text{ g}$

13. $0.43 \text{ g} = \underline{\hspace{2cm}} \text{ kg}$ 14. $30 \text{ mL} = \underline{\hspace{2cm}} \text{ L}$

15. $0.50 \text{ kg} = \underline{\hspace{2cm}} \text{ g}$ 16. $5.9 \text{ mL} = \underline{\hspace{2cm}} \text{ L}$

17. $7.4 \text{ L} = \underline{\hspace{2cm}} \text{ mL}$ 18. $0.99 \text{ L} = \underline{\hspace{2cm}} \text{ mL}$



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Convert the given measures to new units.

1. $9.7 \text{ kg} = \underline{9,700} \text{ g}$
 2. $68 \text{ L} = \underline{68,000} \text{ mL}$
 3. $3.7 \text{ kg} = \underline{3,700} \text{ g}$
 4. $0.20 \text{ L} = \underline{200} \text{ mL}$
 5. $7.2 \text{ mL} = \underline{0.0072} \text{ L}$
 6. $8.7 \text{ g} = \underline{0.0087} \text{ kg}$
 7. $2.7 \text{ mL} = \underline{0.0027} \text{ L}$
 8. $95 \text{ L} = \underline{95,000} \text{ mL}$
 9. $0.68 \text{ L} = \underline{680} \text{ mL}$
 10. $0.23 \text{ kg} = \underline{230} \text{ g}$
 11. $4.8 \text{ g} = \underline{0.0048} \text{ kg}$
 12. $34 \text{ kg} = \underline{34,000} \text{ g}$
 13. $0.43 \text{ g} = \underline{0.00043} \text{ kg}$
 14. $30 \text{ mL} = \underline{0.03} \text{ L}$
 15. $0.50 \text{ kg} = \underline{500} \text{ g}$
 16. $5.9 \text{ mL} = \underline{0.0059} \text{ L}$
 17. $7.4 \text{ L} = \underline{7,400} \text{ mL}$
 18. $0.99 \text{ L} = \underline{990} \text{ mL}$
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