



Convert metric units of mass and volume

Grade 6 Measurements Worksheet

Convert the given measures to new units.

1. $48 \text{ g} = \underline{\hspace{2cm}} \text{ kg}$ 2. $13 \text{ kg} = \underline{\hspace{2cm}} \text{ g}$

3. $47 \text{ kg} = \underline{\hspace{2cm}} \text{ g}$ 4. $69 \text{ g} = \underline{\hspace{2cm}} \text{ kg}$

5. $43 \text{ g} = \underline{\hspace{2cm}} \text{ kg}$ 6. $34 \text{ L} = \underline{\hspace{2cm}} \text{ mL}$

7. $33 \text{ g} = \underline{\hspace{2cm}} \text{ kg}$ 8. $19 \text{ kg} = \underline{\hspace{2cm}} \text{ g}$

9. $95 \text{ kg} = \underline{\hspace{2cm}} \text{ g}$ 10. $49 \text{ kg} = \underline{\hspace{2cm}} \text{ g}$

11. $75 \text{ mL} = \underline{\hspace{2cm}} \text{ L}$ 12. $89 \text{ g} = \underline{\hspace{2cm}} \text{ kg}$

13. $65 \text{ mL} = \underline{\hspace{2cm}} \text{ L}$ 14. $65 \text{ L} = \underline{\hspace{2cm}} \text{ mL}$

15. $39 \text{ L} = \underline{\hspace{2cm}} \text{ mL}$ 16. $19 \text{ g} = \underline{\hspace{2cm}} \text{ kg}$

17. $30 \text{ kg} = \underline{\hspace{2cm}} \text{ g}$ 18. $40 \text{ mL} = \underline{\hspace{2cm}} \text{ L}$

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Convert the given measures to new units.

1. $48 \text{ g} = \underline{0.048} \text{ kg}$ 2. $13 \text{ kg} = \underline{13,000} \text{ g}$

3. $47 \text{ kg} = \underline{47,000} \text{ g}$ 4. $69 \text{ g} = \underline{0.069} \text{ kg}$

5. $43 \text{ g} = \underline{0.043} \text{ kg}$ 6. $34 \text{ L} = \underline{34,000} \text{ mL}$

7. $33 \text{ g} = \underline{0.033} \text{ kg}$ 8. $19 \text{ kg} = \underline{19,000} \text{ g}$

9. $95 \text{ kg} = \underline{95,000} \text{ g}$ 10. $49 \text{ kg} = \underline{49,000} \text{ g}$

11. $75 \text{ mL} = \underline{0.075} \text{ L}$ 12. $89 \text{ g} = \underline{0.089} \text{ kg}$

13. $65 \text{ mL} = \underline{0.065} \text{ L}$ 14. $65 \text{ L} = \underline{65,000} \text{ mL}$

15. $39 \text{ L} = \underline{39,000} \text{ mL}$ 16. $19 \text{ g} = \underline{0.019} \text{ kg}$

17. $30 \text{ kg} = \underline{30,000} \text{ g}$ 18. $40 \text{ mL} = \underline{0.04} \text{ L}$