



## Convert metric units of mass and volume

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### Grade 6 Measurements Worksheet

Convert the given measures to new units.

1.  $68 \text{ g} = \underline{\hspace{2cm}} \text{ kg}$       2.  $11 \text{ L} = \underline{\hspace{2cm}} \text{ mL}$

3.  $21 \text{ mL} = \underline{\hspace{2cm}} \text{ L}$       4.  $27 \text{ L} = \underline{\hspace{2cm}} \text{ mL}$

5.  $37 \text{ mL} = \underline{\hspace{2cm}} \text{ L}$       6.  $35 \text{ mL} = \underline{\hspace{2cm}} \text{ L}$

7.  $57 \text{ mL} = \underline{\hspace{2cm}} \text{ L}$       8.  $97 \text{ kg} = \underline{\hspace{2cm}} \text{ g}$

9.  $37 \text{ g} = \underline{\hspace{2cm}} \text{ kg}$       10.  $77 \text{ g} = \underline{\hspace{2cm}} \text{ kg}$

11.  $18 \text{ g} = \underline{\hspace{2cm}} \text{ kg}$       12.  $50 \text{ mL} = \underline{\hspace{2cm}} \text{ L}$

13.  $57 \text{ g} = \underline{\hspace{2cm}} \text{ kg}$       14.  $49 \text{ kg} = \underline{\hspace{2cm}} \text{ g}$

15.  $72 \text{ g} = \underline{\hspace{2cm}} \text{ kg}$       16.  $98 \text{ kg} = \underline{\hspace{2cm}} \text{ g}$

17.  $42 \text{ mL} = \underline{\hspace{2cm}} \text{ L}$       18.  $43 \text{ kg} = \underline{\hspace{2cm}} \text{ g}$

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### Grade 6 Measurements Worksheet

Convert the given measures to new units.

1.  $68 \text{ g} = \underline{0.068} \text{ kg}$       2.  $11 \text{ L} = \underline{11,000} \text{ mL}$

3.  $21 \text{ mL} = \underline{0.021} \text{ L}$       4.  $27 \text{ L} = \underline{27,000} \text{ mL}$

5.  $37 \text{ mL} = \underline{0.037} \text{ L}$       6.  $35 \text{ mL} = \underline{0.035} \text{ L}$

7.  $57 \text{ mL} = \underline{0.057} \text{ L}$       8.  $97 \text{ kg} = \underline{97,000} \text{ g}$

9.  $37 \text{ g} = \underline{0.037} \text{ kg}$       10.  $77 \text{ g} = \underline{0.077} \text{ kg}$

11.  $18 \text{ g} = \underline{0.018} \text{ kg}$       12.  $50 \text{ mL} = \underline{0.05} \text{ L}$

13.  $57 \text{ g} = \underline{0.057} \text{ kg}$       14.  $49 \text{ kg} = \underline{49,000} \text{ g}$

15.  $72 \text{ g} = \underline{0.072} \text{ kg}$       16.  $98 \text{ kg} = \underline{98,000} \text{ g}$

17.  $42 \text{ mL} = \underline{0.042} \text{ L}$       18.  $43 \text{ kg} = \underline{43,000} \text{ g}$