



## Convert metric units of volume and mass

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### Grade 6 Measurements Worksheet

Convert the given measures to new units.

1.  $9.7 \text{ kg} =$  \_\_\_\_\_  $\text{g}$       2.  $68 \text{ L} =$  \_\_\_\_\_  $\text{mL}$

3.  $3.7 \text{ kg} =$  \_\_\_\_\_  $\text{g}$       4.  $0.20 \text{ L} =$  \_\_\_\_\_  $\text{mL}$

5.  $7.2 \text{ mL} =$  \_\_\_\_\_  $\text{L}$       6.  $8.7 \text{ g} =$  \_\_\_\_\_  $\text{kg}$

7.  $2.7 \text{ mL} =$  \_\_\_\_\_  $\text{L}$       8.  $95 \text{ L} =$  \_\_\_\_\_  $\text{mL}$

9.  $0.68 \text{ L} =$  \_\_\_\_\_  $\text{mL}$       10.  $0.23 \text{ kg} =$  \_\_\_\_\_  $\text{g}$

11.  $4.8 \text{ g} =$  \_\_\_\_\_  $\text{kg}$       12.  $34 \text{ kg} =$  \_\_\_\_\_  $\text{g}$

13.  $0.43 \text{ g} =$  \_\_\_\_\_  $\text{kg}$       14.  $30 \text{ mL} =$  \_\_\_\_\_  $\text{L}$

15.  $0.50 \text{ kg} =$  \_\_\_\_\_  $\text{g}$       16.  $5.9 \text{ mL} =$  \_\_\_\_\_  $\text{L}$

17.  $7.4 \text{ L} =$  \_\_\_\_\_  $\text{mL}$       18.  $0.99 \text{ L} =$  \_\_\_\_\_  $\text{mL}$

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### Grade 6 Measurements Worksheet

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.  $0.99 \text{ L} = \underline{990} \text{ mL}$