



Convert metric units of volume and mass

Grade 6 Measurements Worksheet

Convert the given measures to new units.

1. 100 kg = _____ g
 2. 89 L = _____ mL
 3. 48 mL = _____ L
 4. 26 g = _____ kg
 5. 47 kg = _____ g
 6. 3.6 g = _____ kg
 7. 0.99 mL = _____ L
 8. 25 L = _____ mL
 9. 11 mL = _____ L
 10. 56 mL = _____ L
 11. 5.1 mL = _____ L
 12. 2.5 kg = _____ g
 13. 4.0 mL = _____ L
 14. 76 g = _____ kg
 15. 0.66 L = _____ mL
 16. 6.6 g = _____ kg
 17. 10 mL = _____ L
 18. 0.89 g = _____ 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. $0.89 \text{ g} = \underline{0.00089} \text{ kg}$
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