



Convert metric units of volume and mass

Grade 6 Measurements Worksheet

Convert the given measures to new units.

1. 39 L = _____ mL 2. 0.92 L = _____ mL

3. 0.97 kg = _____ g 4. 0.71 L = _____ mL

5. 0.32 L = _____ mL 6. 71 L = _____ mL

7. 0.95 mL = _____ L 8. 71 kg = _____ g

9. 0.18 L = _____ mL 10. 34 L = _____ mL

11. 85 g = _____ kg 12. 0.52 L = _____ mL

13. 0.85 mL = _____ L 14. 88 mL = _____ L

15. 3.3 kg = _____ g 16. 0.71 mL = _____ L

17. 0.89 L = _____ mL 18. 74 mL = _____ L



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Convert the given measures to new units.

1. $39 \text{ L} = \underline{39,000} \text{ mL}$ 2. $0.92 \text{ L} = \underline{920} \text{ mL}$

3. $0.97 \text{ kg} = \underline{970} \text{ g}$ 4. $0.71 \text{ L} = \underline{710} \text{ mL}$

5. $0.32 \text{ L} = \underline{320} \text{ mL}$ 6. $71 \text{ L} = \underline{71,000} \text{ mL}$

7. $0.95 \text{ mL} = \underline{0.00095} \text{ L}$ 8. $71 \text{ kg} = \underline{71,000} \text{ g}$

9. $0.18 \text{ L} = \underline{180} \text{ mL}$ 10. $34 \text{ L} = \underline{34,000} \text{ mL}$

11. $85 \text{ g} = \underline{0.085} \text{ kg}$ 12. $0.52 \text{ L} = \underline{520} \text{ mL}$

13. $0.85 \text{ mL} = \underline{0.00085} \text{ L}$ 14. $88 \text{ mL} = \underline{0.088} \text{ L}$

15. $3.3 \text{ kg} = \underline{3,300} \text{ g}$ 16. $0.71 \text{ mL} = \underline{0.00071} \text{ L}$

17. $0.89 \text{ L} = \underline{890} \text{ mL}$ 18. $74 \text{ mL} = \underline{0.074} \text{ L}$
