



Convert metric units of measurement

Grade 6 Measurements Worksheet

Convert the given measures to new units.

1. 6.3 g = _____ kg 2. 0.44 L = _____ mL

3. 5.6 mL = _____ L 4. 0.39 kg = _____ g

5. 9.7 mm = _____ m 6. 0.33 mL = _____ L

7. 0.47 g = _____ kg 8. 5.0 kg = _____ g

9. 0.24 kg = _____ g 10. 0.11 m = _____ cm

11. 0.17 kg = _____ g 12. 0.22 kg = _____ g

13. 7.4 mL = _____ L 14. 3.7 mL = _____ L

15. 3.6 kg = _____ g 16. 7.0 km = _____ cm

17. 5.8 kg = _____ g 18. 1.9 L = _____ mL



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1. $6.3 \text{ g} = \underline{0.0063} \text{ kg}$
 2. $0.44 \text{ L} = \underline{440} \text{ mL}$
 3. $5.6 \text{ mL} = \underline{0.0056} \text{ L}$
 4. $0.39 \text{ kg} = \underline{390} \text{ g}$
 5. $9.7 \text{ mm} = \underline{0.0097} \text{ m}$
 6. $0.33 \text{ mL} = \underline{0.00033} \text{ L}$
 7. $0.47 \text{ g} = \underline{0.00047} \text{ kg}$
 8. $5.0 \text{ kg} = \underline{5,000} \text{ g}$
 9. $0.24 \text{ kg} = \underline{240} \text{ g}$
 10. $0.11 \text{ m} = \underline{11} \text{ cm}$
 11. $0.17 \text{ kg} = \underline{170} \text{ g}$
 12. $0.22 \text{ kg} = \underline{220} \text{ g}$
 13. $7.4 \text{ mL} = \underline{0.0074} \text{ L}$
 14. $3.7 \text{ mL} = \underline{0.0037} \text{ L}$
 15. $3.6 \text{ kg} = \underline{3,600} \text{ g}$
 16. $7.0 \text{ km} = \underline{700,000} \text{ cm}$
 17. $5.8 \text{ kg} = \underline{5,800} \text{ g}$
 18. $1.9 \text{ L} = \underline{1,900} \text{ mL}$
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