

Length, Mass and Volume Conversions Calculations

Calculate the U.S. to Metric Measures using the formulas.

Formulas:

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| <ul style="list-style-type: none"> • cups x 0.24 = liters • feet x 30 = centimeters • fluid ounces x 30 = milliliters • gallons x 3.8 = liters • inches x 2.5 = centimeters • miles x 1.6 = kilometers • ounces x 28 = grams | <ul style="list-style-type: none"> • pints x 0.47 = liters • pounds x 0.45 = kilograms • quart x 0.95 = liters • tablespoons x 15 = milliliters • teaspoons x 5 = milliliters • yards x 0.9 = meters |
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| <p>1. 12 ounces = _____ grams</p> <p>2. 2 pints = _____ liters</p> <p>3. 5 Tablespoons = _____ milliliters</p> <p>4. 15 miles = _____ kilometers</p> <p>5. 4 ¼ cups = _____ liters</p> <p>6. 4 ¼ pints = _____ liters</p> <p>7. 8 teaspoons = _____ milliliters</p> <p>8. 6 pounds = _____ kilograms</p> <p>9. 4 quarts = _____ liters</p> <p>10. 12 gallons - _____ liters</p> | <p>11. 10 yards = _____ meters</p> <p>12. 48 feet = _____ centimeters</p> <p>13. 16 fluid ounces = _____ milliliters</p> <p>14. 33 1/3 ounces = _____ grams</p> <p>15. 36 inches = _____ centimeters</p> <p>16. 157 pounds = _____ kilograms</p> <p>17. 3 teaspoons + 7 Tablespoons =
_____ milliliters</p> <p>18. 8 ½ pints + 12 quarts =
_____ liters</p> <p>19. 25 gallons + 17 ¼ cups =
_____ liters</p> <p>20. 23 feet + 9 ¼ inches =
_____ centimeters</p> |
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