Length, Mass and Volume Conversions Calculations

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

Formulas:

- 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
- 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

1. 12 ounces = __________ grams
2. 2 pints = __________ liters
3. 5 Tablespoons = _____ milliliters
4. 15 miles = __________ kilometers
5. 4 ¼ cups = __________ liters
6. 4 ¼ pints = __________ liters
7. 8 teaspoons = ________ milliliters
8. 6 pounds = __________ kilograms
9. 4 quarts = __________ liters
10. 12 gallons - ________ liters
11. 10 yards = __________ meters
12. 48 feet = ________ centimeters
13. 16 fluid ounces = ________ milliliters
14. 33 1/3 ounces = _________ grams
15. 36 inches = ________ centimeters
16. 157 pounds = ________ kilograms
17. 3 teaspoons + 7 Tablespoons = ________ milliliters
18. 8 ½ pints + 12 quarts = __________ liters
19. 25 gallons + 17 ¼ cups = __________ liters
20. 23 feet + 9 ¼ inches = __________ centimeters