

Practice Assignment

1. How many ounces are in 1 ton? (2,000 pounds = 1 ton, 16 ounces = 1 pound)
2. How many pints are in 3 gallons? (2 pints = 1 quart, 4 quarts = 1 gallon)
3. How many inches are in 2 miles? (5,280 feet = 1 mile, 12 inches = 1 foot)
4. How many fluid ounces are in 2 pints? (8 fl oz = 1 cup, 2 cups = 1 pint)
5. How many inches are in 3 kilometers? (use 1 in = 2.54 cm, 1 kilometer = 1000 meters, 1 meter = 100 centimeters)
6. How many liters are in 10 pints? (use 1 quart = .95 liters, 2 pints = 1 quart)

7. Keenan wants to make sure he has enough homemade iced tea for everyone. He makes 2 gallons of iced tea. He wants to have enough for 40 cups of tea. Did he make enough? (4 quarts = 1 gallon, 2 cups = 1 pint, 2 pints = 1 quart)

8. You are making fruit smoothies for a school party. You need 1,500 milliliters of blueberries. However, blueberries only come in pints. How many pints do you need? (use 1 quart = .95 liters, 1000 milliliters = 1 liter)

9. A tin of mints has a mass of 50 grams. How many ounces is that? (use 1 pound = 453.6 grams, 16 ounces = 1 pound)

10. The length of a rectangle is 32 cm and the width is 170 mm. What is the area and perimeter of the rectangle in centimeters and millimeters? (10 millimeters = 1 centimeter)