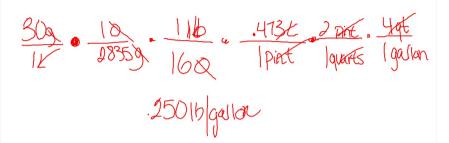
Algebra 1 Bellwork Thursday, December 19, 2013

1. Convert 30 Grams per Liter into Pounds per Gallon.

1 Pint = 0.473 Liters

1 Quart = 2 Pints

1 Ounce = 28.35 Grams



3. 85% of what number is 160?

$$\frac{85}{100} = \frac{160 \text{ is}}{188 \times \text{of}}$$

$$\frac{(.85)(x) = 160}{(.85)(x)} = 160$$

2. The scale on a model boat is 5:72. If the model is 9 inches long how long is the actual boat? Give the answer in feet.

$$\frac{5}{7a} \times \frac{9}{x} = \frac{648}{5}$$
 $x = 129.6$

129.6 in. 1 ft.

10.8 ft.

4. The ratio of men to women in a lecture hall on campus is 48:45. If there are 15,000 students on campus how many of them are women? Round to the nearest whole number.

