Lesson 3

Conversion Ratios

1. Write a conversion ratio for feet and yards as

   a. an equality

   $3 \, ft = 1 \, yd$

   b. a fraction equal to 1

   $$\frac{3 \, ft}{1 \, yd} = 1 \; or \; \frac{1 \, yd}{3 \, ft} = 1$$

2. Write a conversion ratio for inches and feet as

   a. an equality

   $12 \, in = 1 \, ft$

   b. a fraction equal to 1

   $$\frac{12 \, in}{1 \, ft} = 1 \; or \; \frac{1 \, ft}{12 \, in} = 1$$

3. Write a conversion ratio for quarts and gallons as

   a. an equality

   $4 \, qt = 1 \, gal$

   b. a fraction equal to 1

   $$\frac{4 \, qt}{1 \, gal} = 1 \; or \; \frac{1 \, gal}{4 \, qt} = 1$$