

#2 conversion rate

$$\frac{\cancel{3 \text{ feet}}}{\cancel{1 \text{ yard}}} = \frac{\cancel{87 \text{ feet}}}{x \text{ yards}}$$

$$\frac{3}{1}x = \frac{87}{1} \quad 29 \text{ yards in } 87 \text{ feet}$$

$$\frac{3x}{3} = \frac{87}{3}$$

$$x = 29$$

#3

$$\frac{\cancel{8 \text{ fluid oz}}}{\cancel{1 \text{ cup}}} = \frac{\cancel{104 \text{ fl oz}}}{x \text{ cups}}$$

$$\frac{8}{1}x = \frac{104}{1} \quad 13 \text{ cups in } 104 \text{ fl oz.}$$

$$\frac{8x}{8} = \frac{104}{8}$$

$$x = 13$$

#4

$$\frac{\cancel{16 \text{ ounces}}}{\cancel{1 \text{ lb}}} = \frac{\cancel{80 \text{ ounces}}}{x \text{ lbs}}$$

$$\frac{16}{1}x = \frac{80}{1} \quad 5 \text{ pounds in } 80 \text{ ounces.}$$

$$\frac{16x}{16} = \frac{80}{16}$$

$$x = 5$$