

How to convert units!

- ▶ Take what you have and multiply by the conversion factor to get what you want.

Right!

Unit Conversions

$$\frac{6 \text{ ft}}{1} \times \frac{12 \text{ in}}{1 \text{ ft}} = \frac{? \text{ in}}{1}$$

What you have

Conversion factor

What you want

$$\frac{6 \text{ ft}}{1} \times \frac{1 \text{ ft}}{12 \text{ in}} = \frac{? \text{ in}}{1}$$

Wrong!

Practice Converting

1. 5 in = _____ cm

2. 7 mi = _____ km

3. 12 oz = _____ g

4. 2.5 L = _____ gal

5. 150 lbs = _____ kg