

L50 Unit Multipliers

fraction, made up of 2 different units, that equals 1.

$$12 \text{ in} = 1 \text{ ft}$$

$$\frac{12 \text{ in}}{12 \text{ in}} = 1$$

$$\frac{12 \text{ in}}{1 \text{ ft}} = 1$$
$$\frac{1 \text{ ft}}{12 \text{ in}}$$

$$3 \text{ ft} = 1 \text{ yd}$$

$$1 \text{ day} = 24 \text{ hr}$$

$$\frac{1 \text{ yd}}{3 \text{ ft}} \quad \text{or} \quad \frac{3 \text{ ft}}{1 \text{ yd}}$$

$$\frac{1 \text{ day}}{24 \text{ hr}} \quad \text{or} \quad \frac{24 \text{ hr}}{1 \text{ day}}$$

year, decades

$$\frac{10 \text{ yr}}{1 \text{ decade}}$$

$$1 \frac{1 \text{ decade}}{10 \text{ yr}}$$

L50 Unit Conversion

$$3 \text{ ft} = ? \text{ in}$$

$$\frac{12 \text{ in}}{1 \text{ ft}}$$

$$\frac{1 \text{ ft}}{12 \text{ in}}$$

$$\frac{3 \cancel{\text{ft}}}{1} \times \frac{12 \text{ in}}{1 \cancel{\text{ft}}} = 36 \text{ in}$$

$$6 \text{ days} \rightarrow ? \text{ hr}$$

$$\frac{24 \text{ hr}}{1 \text{ day}}$$

$$\frac{1 \text{ day}}{24 \text{ hr}}$$

$$\frac{6 \text{ days}}{1} \times \frac{24 \text{ hr}}{1 \text{ day}} = \frac{144 \text{ hr}}{1}$$

420hrs \rightarrow ? days

~~35~~
~~105~~
~~210~~

$\frac{24\text{hr}}{1\text{day}}$

$\frac{1\text{day}}{24\text{hr}}$

$\frac{17\frac{1}{2}}{2}$
 $\frac{35}{2}$
 $\frac{15}{14}$
 $\frac{1}{1}$

$$\frac{420\text{hrs}}{1} \times \frac{1\text{day}}{24\text{hrs}} = \frac{35\text{ days}}{2}$$

$17\frac{1}{2}\text{ days}$

LSO Pset a-d, g, h

uno, tres, cuatro, seis, nueve,
once, doce, catorce, dieciseis,
veintiuno - veintitres,
veintiseis - veintinueve