

5-1 Ratios and Percents

$$\frac{1 \text{ in}}{12 \text{ ft.}} \quad \frac{1}{12} = \frac{2}{24}$$

(24) = (24)

↖ ↗

Ratios can be written as a percent ?

$$\% = \frac{n}{100} \text{ Denominator is } \underline{\underline{100}}!$$

$$\frac{3 \times 25}{4 \times 25} = \frac{75}{100} = 75\%$$

$$\frac{27}{100} = 27\% \quad \frac{8 \times 4}{25 \times 4} = \frac{32}{100} = 32\%$$

$$\text{Percent} = \frac{n}{100} = \underline{\quad n \quad} \%$$

$$\frac{180}{100} = 1.8 = 180\%$$

$$\frac{200}{100} = 2.0 = 200\%$$

$$\frac{41.5}{100} = 41.5\%$$

$$\frac{1}{5} = \frac{n}{100} = 20\%$$

$$\frac{1}{200} = \frac{0.5}{100} = 0.5\%$$

$$\frac{3}{5} = \frac{60}{100} = 60\% \quad \frac{1}{4} = \frac{25}{100} = 25\%$$

$$\begin{array}{l} 30\% \\ 11\% \\ 24\% \end{array} \begin{array}{l} 35\% \\ \\ \end{array} = 100\%$$

$$\frac{30}{100} = \frac{3}{10}$$

$$\frac{11}{100} = \frac{11}{100}$$

$$\frac{24 \div 4}{100 \div 4} = \frac{6}{25}$$

$$\frac{35}{100} = \frac{7}{20}$$

$$\begin{array}{r} 44.) \quad 1900 \overset{100 \text{ yrs}}{-} 2000 \quad 15 \text{ TRex} \\ + 2000 \quad 5 \text{ TRex} \\ \hline \text{Total} \quad 101 \text{ yrs} \quad 20 \text{ TRex} \end{array}$$

* 42.) less ?
 $\frac{1}{4}$ or 30%
 $\frac{1}{4} = \frac{\quad}{100}$
 $30\% = \frac{30}{100} = \frac{3}{10}$

Compare :
both have to be the
same either
fraction or a percent.