

# Homework for Thursday night 3/15

\* Use the Percent Proportion to solve!

\* Show your work!

$$\frac{\text{is}}{\text{of}} = \frac{x}{100}$$

## Percent Proportion Worksheet

Use a proportion to answer the following.

- 1) 60% of 145 is what number?

$$\begin{array}{l} \text{is} \rightarrow x \\ \text{of} \rightarrow 145 \end{array} \quad \begin{array}{l} \leftarrow 60 \\ \leftarrow \% \\ \hline 100 \end{array}$$

- 2) 90% of 120.  
3) What percent of 70 is 21?  
4) What percent of 56 is 42?  
5) 150 is 15% of what number?

$$100 \cdot x = 145 \cdot 60$$

$$\frac{100(x)}{100} = \frac{8700}{100}$$

$$x = 87 \text{ answer}$$

- 6) 198 is 33% of what number?  
7) What number is 70% of 130?  
8) 12% of 150 is what number?  
9) What percent of 48 is 12?  
10) 21 is 12% of what number?  
11) 32% of 75.  
12) What percent of 105 is 63?  
13) 56% of 50 is what number?  
14) What number is 48% of 175?  
15) 264 is 55% of what number?