6 - 2 Write Equations for Percents

"is" means ___=____

"of" means X (mult.)

% must be <u>decimal</u>

** then write Left to Right

Ex: What number is 40% of 75?

$$X = .40 \times 75$$

Ex: What percent of 56 is 14?

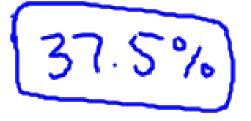
$$\frac{\times .56}{56} = \frac{14}{56}$$

$$X = 0.25$$

Ex: 68% of what number is 17?

Ex: What percent of 72 is 27?

$$\frac{\times .72}{72} = \frac{27}{72}$$



Ex: Tanya bought 4 concert tickets for a total of \$132. She paid \$9.90 in sales tax. What is the sales tax rate?

Homework:

p. 266 #12 - 21