Math 090 Chapter 12: PERCENT WORD PROBLEMS Instructor: Sophia Georgiakaki

1.	Percent Applications	PERCENT WORD PROBLEMS WORKBOOK pages 125 – 128D PERCENT CHANGE MATH FACTS pages 115 – 116 Suppose that I buy a stock on April 3, for \$12.50. On May 3, the stock is worth \$16.80.
		What is the percent increase during the 30 days that went by? If on June 3, the stock is value is back to \$12.50, how much is the percent decrease of the stock since the previous
		month (since May 3)? Are the two percent changes the same? Did you expect them to be? Why?
		Another example: I have a store that sells necklaces. I buy a necklace for \$12.00 and I want to sell it with a profit of 30%. How much will I sell it for? If I sell it on sale for 30% of its listed price, will that be okay, will I gain or will I sell with a loss?
		500% (What is that? What does it mean?) Get comfortable with numbers like: ½%, 2000%, 200%, 0.2%, 2%, 20%
3.	Translating problems to number sentences	MATH FACTS page 114
		How can you read a word problem and translate it to the form: What % of X is Y? or X % of Y is how much? or X % of what is Y?

PREPARE FOR THE QUIZ AT HOME:

WORKBOOK pages 125 ⇔ 128D WORKBOOK Practice Quiz #12 pages 129 & 130