INDEPENDENT PRACTICE

Lesson 8 – Percent Applications

*Percent of Solution Strength*

Solve the following problems in the textbook Math Basics for the Health Care Professional:

Page 119-120 – Additional Practice #1-3

*Sales and Discounts*

Go to page 121 in Math Basics for the Health Care Professional:

Find the discount and net price for problems #6-10.

*Percent of Change*

Solve the following problems.

1. A piece of equipment that Dr. Hunt bought for $5,000 last year is worth only $3,600 this year. What percent was the decrease in value?

2. Last month, the pharmacy sold 9,000 allergy pills. This month, they sold 12,000. What is the percent of change?

3. John is 6’1’’ and is underweight at 120 lbs. He is not allowed to leave the hospital until he increases his weight by 25%. John increased his weight to 145. Did John meet his goal of a 25% increase? If not, by what percentage did he increase?