**Math 105**

**Review of Percentages**

In addition to getting help from your instructor or the Algebra Alcove, the following videos may prove helpful:

<http://www.khanacademy.org/video/solving-percent-problems?playlist=Developmental%20Math>

<http://www.khanacademy.org/video/solving-percent-problems-2?playlist=Developmental%20Math>

<http://www.khanacademy.org/video/solving-percent-problems-3?playlist=Developmental%20Math>

**Show work or use explanations to justify your answers. Find exact answers (no estimation).**

1. Find 50% of 48 2. What is 130% of 6?

 **24 7.8**

3. 30% of what weight is 120 kg? 4. 1% of what salary is $195?

 **400 kg $19,500**

5. What percent of 12 is 10? 6. $30 is what percent of $200?

 **83.3% 15%**

7. 0.1 is what percent of 8? 8. How much is 19% of $10,000?

 **1.25% $1900**

9. A college graduate enlisted in the army for 5 years. So far, he has served 13 months. What percent of his enlistment has passed?

 **22% of his enlistment has passed.**

10. Payroll deductions comprise 40% of a worker’s weekly gross income. If these deductions total $320, what is her gross income?

 **Her gross income is $800.**