Name: _____

MATH 101
Spring 2024   *"Wouldst thou like to live deliciously?"*
HW 11: Due 03/06   *— Satan, The Witch*

Problem 1. (10pts) A recipe calls for 2,280 g of flour to bake five loaves of bread.

(a) Using a proportion, find how many grams are required to bake 9 loaves of bread.

(b) How many grams of flour are required per loaf of break—on average?

(c) Use (b) to answer (a).

Problem 2. (10pts) Showing all your work, answer the following:

(a) A team wins 60 games and loses 20 games, what is the win-loss ratio?

(b) If eight cases of a food costs $55, what should a dozen cases cost?

(c) If it takes 1.5 gallons of paint to cover 580 sq ft, how much paint would be required to cover 2,000 sq ft?

Problem 3. (10pts) Alexis can prepare 45 candy bags in an hour for a children's party while Casey can prepare 50 candy bags per hour. Working together, how long should it take them to prepare 560 candy bags by working together?