Name_____   Date _____

Mr. Tallman

<u>Homework #25 – Unit Rate vs. Proportions</u>

<u>Directions:</u> Use either the unit rate method or proportion method to answer the following questions. SHOW ALL WORK. ROUND ALL DECIMALS TO THE NEAREST HUNDREDTH.

1) If a jogger runs 2 miles and burns 185 calories, how many calories would he burn jogging 3 miles?

2) 14. A recipe calls for 2 ½ cups of flour to make 2 dozen cookies. How many cups of flour would be required to bake 15 dozen cookies?

3) A crew of loggers cleared ½ acre of lumber in 4 days. How long will it take the same crew to clear 2 ¾ acres of lumber?

4) At object that weighs 200 pounds on Earth would weigh about 32 pounds on the moon. Find the weight of an object on the moon that would weigh 426 pounds on Earth.