Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Block: \_\_\_\_\_

**Spiral 22: Due 5-5-2017 NO CALCULATORS!!!!!!!**

***Set up a proportion to solve each problem. Points will be deducted for not following directions. Show ALL work to receive credit!!!***

1. Mrs. Glover can type 438 words in 6 minutes. Find her unit rate per minute (wpm).
2. Mrs. Cossentine is having her pool drained for repairs. The pump drained 650 gallons in 20 minutes. Find the unit rate per minute.
3. Mrs. Anu’s car used 7 gallons to travel 168 miles. At this rate, how many miles can Mrs. Anu travel in her car on 12.5 gallons of gasoline?
4. Tyler ran 34 yards in 5 sec. Mike ran 50 yards in 8 sec. Who has a faster unit rate?
5. Ms. Ward is planning to bake homemade sugar cookies (cut into Christmas shapes). Her recipe will make 3 dozen cookies; it uses 4 eggs. How many cookies can be made with 1 egg?
6. If Ms. Gilbert bought 72 spinners for $12.96, then how much would she pay for 46 spinners at the same rate?
7. Caleb ate 3 big marshmallows in 30 seconds. At this rate, approximately how many minutes would it take Caleb to eat 20 marshmallows?
8. Dallanara can ride her scooter 18 miles in 50 minutes. At this same rate (speed) how far can she ride in two hours?
9. A Girl Scout troop uses 14 flashlight batteries on a three-night camping trip. If they are planning a seven-night trip, how many batteries should they bring?
10. If Jasmine can run ¼ of a mile in 2 ½ minutes, what is her unit rate?