**Unit Rate Word Problems**

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Period: \_\_\_\_\_\_\_\_\_\_\_\_\_

**\*Unit Rate: A comparison in which one of the numbers in a ratio is being compared to one unit.**

Directions: Solve the following word problems by setting up proportions, in which one quantity is equal to 1 unit. Then, solve to find the unknown. Be sure to label your answer!

1. The MMS Student Council sold 75 tickets for a talent show in 3 hours after school. If they sold the same amount of tickets each hour, how many tickets did they sell per hour?

\_\_\_\_tickets = \_\_\_\_tickets

hours 1 hour

1. At Cedar Point, 3444 people entered the park in 4 hours. If the same number of people entered the park each hour, how many people entered the park in 1 hour?
2. A wedding at La-Vera Party Center costs $9,750 for 150 people. How much does La-Vera charge per guest?
3. Mike ran 40 yards in 5 seconds. Assuming he runs at a constant rate, how many yards can he run in 1 second?
4. Cameron’s new car was able to drive 2,250 miles using 125 gallons of gasoline. How many miles per gallon does her new car get?
5. Jackson rode his bike at a constant speed of 48 miles in 4 hours. At this rate, how many miles did he ride in 1 hour?
6. A gear made 960 revolutions in 30 minutes. How many revolutions does the gear make per minute?
7. Emma earned $120 in 8 hours babysitting for her neighbors. How much does she get paid per hour?
8. Mrs. Mayer bought 7 movie tickets for $52.50. What is the cost of one movie ticket?
9. There are 72 apples in 6 bags. If each bag contains the same number of apples, how many apples are in each bag?
10. There are 96 Dream Team students in 4 homerooms. If each homeroom has the same amount of students, how many students are in each homeroom?