Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Class: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Unit Rate Word Problems

1. A T-shirt launcher can launch 5 shirts in 20 minutes. What is the rate in shirts per hour?

2. Lauren took 12 hours to read a 360 page book. At this rate, how long will it take her to read a 400 page book?

3. Pat wants to enter a typing contest. In order to enter, one has to be able to type 50 words per minute. Pat took 15 seconds to type 10 words. Can he enter the contest?

4. One bag of pretzels costs three dollars. Five bags of pretzels costs $10. Which has the lower unit price?

5. Monica needs soup. The store has a special- 5 cans for $10. If she buys just 1 can of soup, the cost is $2.20, Which is the better deal?

6. A 16 oz package of brown rice costs 79 cents and 32 oz package of white rice costs $3.49. Which package is a better deal?

7. Erica babysits for 4 ½ hours and is paid $27.

a. How much does she make per hour?

b. How much does she make for 8 hours?

c. If the people she babysits for have $34 to pay her, how long can they stay out?