

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

**Section 4.2 Rates and Unit Rates**

Date: \_\_\_\_\_

1. Find the unit rate for each of the following. Show your work with the space given:

a) 5L of milk for \$8.75	b) 3 Candy Bars for \$2.75	c) 120meters in 13 seconds
f) \$2048 in 4 days	e) One dozen eggs for \$3.40	f) 6 pairs of socks for \$18.50
g) \$3.75 for 6 bagels	h) 84 students in 7 teams	i) 154 slices of pizza for 14 people
j) \$3.90 for 400g of cereal	k) \$4.55 for 350mL of shampoo	L) \$9.25 for 18 cans of Juice

2. Jack drove at 80km/h. How far will he drive in 6 hours?

3. If six bus tickets costs \$14.70, how much would 11 tickets cost?

4. If 5 movie tickets cost \$25.75 at the theatre, how much will 12 tickets cost?

5. If \$1 US costs \$1.09 Canadian, then how much would \$1 Canadian costs in US dollars.

6. Peanut butter is sold at Costco, Superstore, and Safeway. Costco is selling at \$7.85 for 2L, Superstore at \$3.85 for 500ml, and Safeway at \$4.25 for 1L. What is the unit rate for peanut butter from each store? Which store will you buy from?
  
7. Tim earns \$2193.00 for 30 hours work and his wife earns \$3244 for 45 hours of work. Who has a higher rate of pay and by how much?
  
8. Steve bought 1000 pencils for \$145. He sells them for \$0.38 each. What is the difference between the unit cost and the unit price of each pencil?
  
9. Rogers offer monthly phone plans at \$45.00 a month and \$0.05 per minute. Mobilicity offer monthly phone plans at \$15.00 a month and \$0.20 per minute. If James uses 800 minutes a month, which phone plan should he get? How much will he save?
  
10. A case of 12 bars of chocolate costs \$25.75. 3 chocolate bars is sold at \$7.20. How much is saved per chocolate bar if I purchase a case?
  
11. Kins Market is selling tomatoes at 3 for \$1.25. However, if you buy 4 you get 1 free. If Jason bought 9 tomatoes, how much will it cost? What is the unit rate?