Name: _____   Date: _____

Algebra I

Directions: Form let statement(s), set up a proportion and solve algebraically.

1. If 8 hot lunch tickets cost $ 34.56, at the same rate, how much would 10 hot lunch tickets cost?

2. How much would you pay for 14 pens at the rate of $21.84 per dozen?

3. John traveled 80 miles in $1\frac{1}{2}$ hours. At the same rate, how many miles will he travel in ¾ of an hour?

4. Tessa went to the mall and purchased 5 t-shirts for $38.50. At the same rate, how much would 3 t-shirts cost?

5. Kate ran 5.5 miles in 44 minutes. At the same rate, how long will it take her to run 3 miles?

6. A typist can type 360 words in 2 minutes. At the same rate, in how many seconds can he type 54 words?