Section 5.4-5.6

1. Multiply the following:
   a. $38.21 \times 4.35$
   b. $354.82 \times 1.0003$

2. To calculate the price after tax in Riverside County, the sticker price is multiplied by 1.0825, then rounded to the nearest penny. Calculate the price after tax for each of the following:
   a. $38.99$
   b. $.99$

3. (3 pts) Evaluate each of the following:
   a. $\frac{633.91}{100}$
   b. $\frac{0.124}{0.4}$

4. First add the fractions $\frac{1}{8} + \frac{3}{5}$, then check your work by converting each fraction to a decimal and then adding.

5. First multiply the fractions $(0.25)(0.3)$, then check your work by converting each decimal to a fraction and then multiplying.
6. Rochelle is paid $8.63 per hour at her job. How much does she earn in one week if she works 30 hours?

7. Jorge earns $9.45 per hour at his job. Last week he earned $321.30. How many hours did Jorge work last week?

8. Lee works at an appliance store. He receives a commission on everything he sells. One day he worked 8 hours and earned $134 in commission sales. How much commission did Lee earn, on average, each hour?

9. The dance floor in a night club is rectangular. It measures 51.8 feet long and 27.5 feet wide. What is the area of the dance floor?