1. Jackson was recently hired for a job at a salary of $52,000. Using the federal tax rate of 18%, what amount should Jackson expect to pay in taxes?

2. Lashondra has a job where she has a take-home salary each month of $2,400. If she wants to spend no more than 20% of her monthly take-home salary on a car payment, how much can she afford?

3. At a restaurant, your total bill is $42.90. If you wish to give a 15% tip, how much should you give?

4. A refrigerator with a list price of $1,850 will be discounted 25% at the time of purchase. What is the sale price before taxes?

5. The average price of a certain car in 2010 was $17,400. In 2015, that same car cost an average of $20,800. What is the percent increase in the average price of the car?

6. During the last year, the value of a stock investment in your portfolio decrease 20%. If the value of your stock investment is now $5,000, then what was the value of your stock investment a year ago?

7. (a) Invest $1,000 at 5%. What is the simple interest that accumulates over 3 years?

(b) Invest $500 at 2.5%. What is the simple interest that accumulates over 6 years?

8. (a) Find the accumulated amount on an investment of $2,000 at 8% annual interest,

compounded annually over 4 years.

(b) Andy Taylor is the sheriff of Mayberry, and he was once asked to evict Frank Myers   
 from his home. Frank had a bond issued by the town worth $100 in 1861,   
 compounded annually at 8.5% interest over 100 years. What was the current value in   
 1961?

(c) Find the accumulated amount on an investment of $750 at 4.25% annual interest,

compounded quarterly over 30 years.

(d) Find the accumulated amount on an investment of $1,200 at 6% annual interest,

compounded monthly over 15 years.