Name: ____________________________  
Date: ____________________________

**Simple Interest Worksheet**

Find the final balance for each account. Round your answers to the nearest cent.

1. $800 at 4.25% simple interest for 6 years
   
   \[ 800 \times 0.0425 \times 6 = \$204 \text{ interest} \]
   \[ \$800 + \$204 \text{ in account} \]

2. $250 at 5% simple interest for 3 years
   
   \[ 250 \times 0.05 \times 3 = \$37.50 \text{ interest earned} \]
   \[ 250 + \$37.50 = \$287.50 \text{ in account} \]

3. $900 at 8% simple interest for 1 year
   
   \[ 900 \times 0.08 \times 1 = \$72 \text{ interest} \]
   \[ 900 + \$72 = \$972 \text{ in account} \]

4. $1,250 at 5% simple interest for 2 years
   
   \[ 1250 \times 0.05 \times 2 = \$125 \text{ interest} \]
   \[ 1250 + \$125 = \$1375 \text{ in account} \]

5. $1,750 at 5% simple interest for 6 months
   
   \[ 1750 \times 0.05 \times \left( \frac{6}{12} \right) = \$43.75 \text{ interest} \]
   \[ 1750 + \$43.75 = \$1793.75 \text{ in account} \]

6. $2,000 at 6% simple interest for 3 years
   
   \[ 2000 \times 0.06 \times 3 = \$360 \text{ interest} \]
   \[ 2000 + \$360 = \$2360 \text{ in account} \]

7. $5,000 at 5% simple interest for 60 months
   
   \[ 5000 \times 0.05 \times \left( \frac{60}{12} \right) = \$1250 \text{ interest} \]
   \[ 5000 + \$1250 = \$6250 \text{ in account} \]

8. $6,000 at 5% simple interest for 18 months
   
   \[ 6000 \times 0.05 \times \left( \frac{18}{12} \right) = \$450 \text{ interest} \]
   \[ 6000 + \$450 = \$6450 \text{ in account} \]
Simple Interest Worksheet - Part 2

1. What is the interest earned on $350.00 invested 4 years at a 5% simple interest?
   \[ I = Prt = 350 \times 0.05 \times 4 = 70 \text{ interest} \]

2. If I put $1500 into my savings account and earned $180.00 of interest at 4% simple interest, how long was my money in the bank?
   \[ t = \frac{I}{Pr} = \frac{180}{(1500 \times 0.04)} = 3 \text{ years} \]

3. What would my final balance be if I put $650 in the bank for 60 months with an interest rate of 6%?
   \[ 650 \times 0.06 \times (60) = 195 \text{ int.} \]
   \[ 650 + 195 = 845 \text{ in acco.} \]

4. David invested $1000.00. What would that money grow to in 18 months at a 5.5% interest rate?
   \[ 1000 \times 0.055 \times \left( \frac{18}{12} \right) = 82.5 \text{ int.} \]
   \[ + 1000 = 1082.50 \text{ total.} \]

5. My final balance after 48 months was $896.00. If I originally put $800.00 into the bank, what was the interest rate?
   \[ r = \frac{I}{Pt} = \frac{96}{(800 \times 4)} = 3\% \]

6. How long would it take me to earn $139.50 of interest at a 6% interest rate if I started with $930.00?
   \[ t = \frac{I}{Pr} = \frac{139.50}{(930 \times 0.06)} = 2.5 \text{ years} \]