**Simple Interest** /27

Use the formula for the following questions:

1.Calculate the Interest.

1. b)

c) d)

e) f)

2. Calculate the Interest

a) $12 500 at 3.5% for 6 months b) $2600 at 19% for 200 days

c) $3460 at 11% for 25 weeks d) 10 000 at 0.5% for 9 months

3. Calculate the Principal

a) $325 interest in 2years at 2.5% b) $3890 interest in one month at 11%

c) $1244 interest in 8 years at 19.5% d) $2188 interest in 9 months at 14%

4. Calculate the rate of interest

a) $5400 principal earning $855 in 10 months b) $1300 principal earning $130 in 2 years

c) $951 principal earning $29.31 in 250 days d) $300 principal earning $576 in 12 years

5. Calculate the time required for the principal to earn the specific amount of interest

a) $1240 earns $954.80 interest at 7% b) $100 earns $12.5 interest at 25%

c) $45700 earns $5826.75 at 4.25% d) $7890 earns $2524.80 at 16%

6. Calculate the Final amount using the formula:

a) b)

c) d)

7. Stephan spent $980 on his credit card 10 months ago and has not paid it off yet. If his credit card company charges him 19%, how much does Stephan owe now?