

## Mathematics 122

### Quiz #5

Name: \_\_\_\_\_

(1) If \$1,000 is invested at 12% compounded monthly, then what is the principle after five years?

\_\_\_\_\_

(2) If \$1,000 is invested at 12% compounded continuously, then what is the principle after five years?

\_\_\_\_\_

(3) If substance decays at a rate of 20% a year, then what is its half life.

\_\_\_\_\_