$Math\ 105\text{-}21$	Summer	Term II
Quiz 4: 6/15		

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

$$PV = PMT \frac{1 - (1 + i)^{-m}}{i}, F = PMT \cdot i \text{ and } I = F - PV$$

$$FA = PMT \frac{(1 + i)^m - 1}{i}, P = PMT \cdot i \text{ and } I = FA - P$$

To receive full credit for this 25 point quiz, you must show ALL work.

1. (5 points) In your own words, describe the difference between the FA formula and the PV formula. Be sure to explicitly describe when you use each.

2. (5 points) For the past ten years your uncle has been depositing \$1,000 at the end of each year in the savings account that pays 6.5% compounded annually. What was the value of the account just after the tenth deposit? How much interest had been earned?

