

Alg. I-8E

TUESDAY 4-19-11

GIVEN THE FOLLOWING EXPONENTIAL FUNCTIONS,
STATE WHETHER THE FUNCTION IS A
GROWTH OR DECAY. ASSUME t IS IN YEARS,
WHAT IS THE PERCENT CHANGE EACH YEAR?
WHAT IS THE STARTING VALUE?

① $y = 350(1.25)^t$

② $y = 7000(0.8)^t$

③ IF interest is 4% compounded quarterly, what is the interest rate per quarter and how many compounding periods are there in 10 years?

- Homework review.
- Practice: Pg. 564 # 11-17
- Homework: Pg. 564 # 18-20, 23, 24.