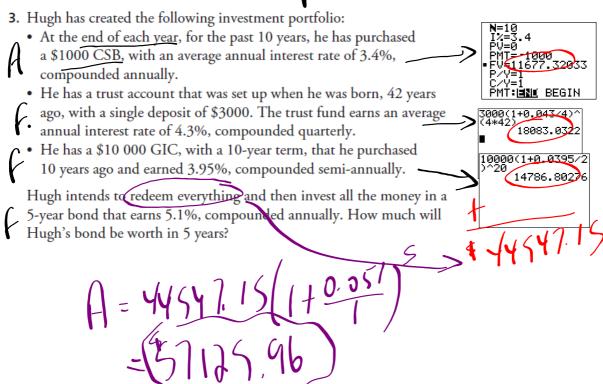
Review Questions... ρ . 563



Foundations of Math 11 - Investing Money Formulas

Simple Interest $I = \Pr t$

$$I = \operatorname{Pr} t$$
 $A = P + \operatorname{Pr} t$
 $A = P + I$ $A = P(1 + rt)$

Compound Interest

Rule of 72

$$A = P\left(1 + \frac{r}{n}\right)^{nt} \qquad I = A - P$$

doubling time =
$$\frac{72}{rate}$$

Rate of Return

$$ROR = \frac{earn}{invested} \times 100\%$$

Present Value

Regular Payments (TVM-Solver)

$$P = \frac{A}{\left(1 + \frac{r}{n}\right)^{nt}}$$