III. Simple **I**nterest (p.196):

1. **I** = P×r×t

   P: principal ($ amt invested/borrowed)

   r: interest rate (annually, APR)

   t: time (yrs)

2. Example (p.205): Exercise #16

IV. Break-even (p.201):

let x = # units of some good/product...

if C(x) represents the cost of producing "x" units

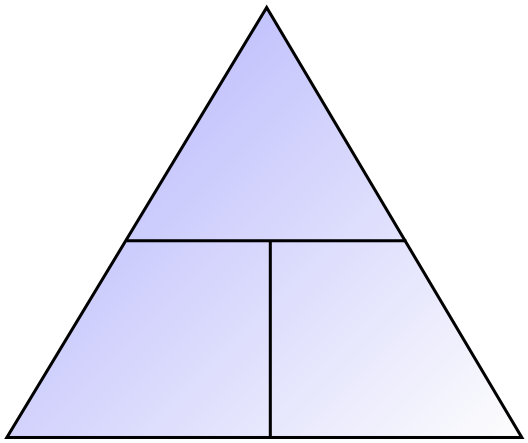
and R(x) represents the revenue from selling "x" units,

then R(x) − C(x) = P(x) is the Profit from "x" units

loss when P(x) < 0 & break-even when P(x) = 0

V. Example (p.207): Exercises #48

VI. Uniform Motion (p.200): distance = rate × time



STEP 3	distance	speed	time
Event 1			
Event 2			

fill-in 2 columns w/given info, then use these two quantities to fill-in the missing 3rd column...

VII. Misc. Examples (p.206): Exercises #32,38,24?

HW: pp.204-207 / Exercises #5,7,13,17,27,21,31, 35,37,47,49

Read pp.208-214 (section 3.3)