

**Week in Review #9**

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1.  $I = Prt = 600 * 0.08 * 2 = \$96$   
accumulated amount = \$696
2.  $I = Prt$   
 $250 = 500 * 0.8 * t$   
Answer: 6.25 years.
3. Solve for r and remember time is in years.  
 $r=9.1429\%$
4. Bank A:  $r_{eff} = 7.27780625\%$   
Bank B:  $r_{eff} = 7.250098\%$   
Bank A is the best
5. \$4825.31
6. 29.17047%
7. \$14159.67
8. remember time is in years.  
end ballance: \$5100.08  
interest: \$100.08
9. 16.51544%