





**R-14**

**Half Life Equation**

AE = amount ending   
AS = amount starting   
n = number of half lives

**# of Half Lives**

n = number of half-lives  
t = time that has passed  
h = length of a half life

**% still radioactive or % decayed**

AE = amount ending   
AS = amount starting   
n = number of half lives

**Solving for t, or h**

*Same as this version:*

Simply isolate the variable you are trying to solve for