

Comprehensive Review #10

Topics:

Lesson 82 - Exponential Equations

Lesson 88 - Exponential Functions (Growth and Decay)

[1] $x = 0.28$ _____

[2] $x = -0.20$ _____

[3] [D] _____

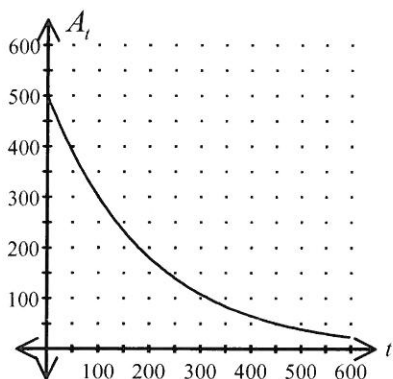
[4] [D] _____

[5] 4.63 grams _____

[6] 13.75 grams _____

$$A_t = 500e^{-0.00511t}$$

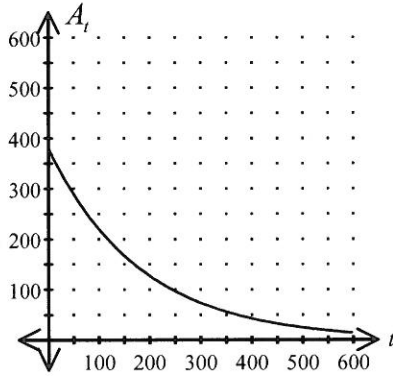
half life = 135.69 hr



[7] _____

$$A_t = 380e^{-0.00547t}$$

half life = 126.82 hr



[8] _____

[9] 96.8 min _____

[10] [A]