

**Answers to Review 2.3 - Expo and Log Apps and Modeling**

- |  |   |                                      |
|--|---|--------------------------------------|
| 2.) 3.3578   | 8.) Yr. 2053  | 14.) 4 hrs, 55 min, 21 sec           |
| 3.) 0.6275   | 9.) 22 %  | 15.) a.) 9079 people                 |
| 4.) \$ 8791.18   | <del>10.) 1.75 - 1.55 x 10<sup>5</sup> W<sup>-2</sup></del> | b.) Yr. 2050                         |
| <del>5.) 1.75 - 1.55 x 10<sup>5</sup> W<sup>-2</sup></del> | 11.) 9.7 years  | 16.) $k = -0.2155$ , $t = 9$ minutes |
| 6.) 29 grams   | 12.) 165 days   | 17.) T.O.D. 4:43 AM                  |
| 7.) 27,847 bass  | 13.) 2 days, 7 hrs, 49 min, 44 sec                          |                                      |

**2.3 - TEST  
TOMORROW!**

Stuff **ALL** due on test day to be eligible for a retake:

- 1.) HW 2.3 Day 1 - Exponential and Logarithmic Applications and Modeling (\$\$ probs)
- 2.) HW 2.3 Day 2 - Newton's Law of Cooling
- 3.) HW 2.3 Day 3 - Growth and Decay Applications
- 4.) Review 2.3