

Business PreCalculus MATH 1643 Section 004, Spring 2014
Answer key: Worksheet 27

1- Answers:

a. $x = \frac{\ln 17 - 5 \ln 3}{2 \ln 3}$.

b. $x = \frac{\ln 40 - \ln 3}{2 \ln 4}$.

c. $x = \frac{\ln 7 - \ln 30}{2 \ln 2 - \ln 3}$.

2- Answers:

a. $x = \frac{5}{3}$.

b. $x = 2, 4$.

c. $x = 1$.

3- $t \approx 10$ years.