

## 6.1 Writing Exponential Equations

Practice Problem Answers:

1)  $P(t) = 700(2)^{t/3}$

2)  $P(t) = 40000(1.2)^{t/6}$

3)  $P(t) = 4.7(2)^{t/69}$

4)  $P(t) = 12(2)^{t/7}$

5)  $P(t) = 13000(.5)^{t/4}$

6)  $P(t) = 75000(2/3)^{t/14}$

7)  $P(t) = 76000(1.045)^t$

8)  $P(t) = 340000(.935)^{t/3}$

9)  $P(t) = 245(1.024)^{t/.5}$

10)  $P(t) = 225000(.982)^t$