

## 6.5 Solving Exponential Equations Day Two Practice WS ANSWER without WORK

1. no solution

2.  $x = 1.085$

3. no solution

4.  $x = 6.782$

5. no solution

6.  $x = 0.386$

7. a)  $1500 = 1000\left(1 + \frac{0.05}{1}\right)^{1t}$

b)  $t = 8.310$

c) It will take a little over 8 years to reach \$1,500.