

7.6
Homework Pg 434 4, 8, 10, 11, 17, 23

4. a) $y = 550(1.03)^t$
b) ≈ 964

8. $\approx \$1789.54$

10. $\approx \$3964.93$

11. $\approx 506,576$

17. ≈ 9.2 yrs

$$2500 = 1200 \left(1 + \frac{0.08}{12}\right)^{12t}$$
$$2.083 = 1.006^{12t}$$

Guess + Check

23. D