

Review (7.1-7.3) Answers

- 1) a) decay b) growth
- 2) Domain: $(-\infty, \infty)$ Range: $(6, \infty)$ A: $y = 6$
- 3) a) \$682.62
b) about 8 years (during the 7th year)
- 4) \$11,468.80
- 5) a) \$993.88
b) about 13 years (during the 13th year)
- 6) a) $P = 494,290(1.03)^t$
b) 664, 284 people
c) Domain: $[0, \infty)$ Range: $[494290, \infty)$
d) almost 1996 (during 1995)