

Review Part 2 (Front)

1) Exponential Decreasing Continuous
 2) Linear Increasing Continuous
 3) Neither

4) Exponential Decreasing Continuous
 5) Exponential Increasing Discrete
 6) Linear Decreasing Discrete

8) a. (0, 6) b. -3
 c. 0th, y-intercept, no (x-1)

9) a. 1.05 b. 1st, (x-1)
 10) a. 1.07 b. .93
 c. 1.27 d. 1.035 e. .902

11) 100% $r=1.2$ + 20% = 120%
 12) 100% $r=.78$ - 22% = 78%

13) a. The value of the company in 1990.
 b. $1-r=.82$ → it is depreciating 18% per year
 c. $y=30(.82)^{10}$

14) $c = \{x \mid x \in \mathbb{R}\}$

15) $b = \{x \mid x \in \mathbb{N}\}$

16)

yr	\$
0	25
1	30

 $y=25+5x$
 17)

wk	min
1	20
2	22

 $y=20(2)^{x-1}$

18)

Day	Fish
0	700
1	690

 $y=700-10x$