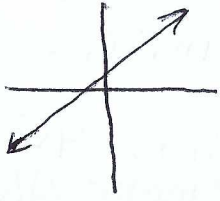


Comparing Linear, Exponential & Quad. Func. Skip 3.6 3.7 (day

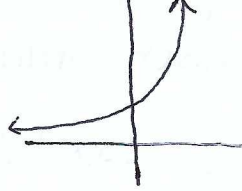
Linear Func

$$y = mx + b$$



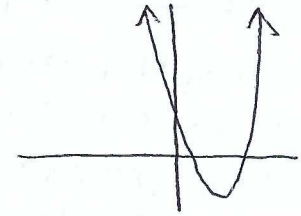
Exponential Func.

$$y = ab^x$$



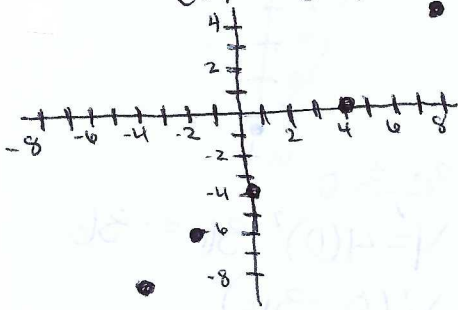
Quadratic Func.

$$y = ax^2 + bx + c$$



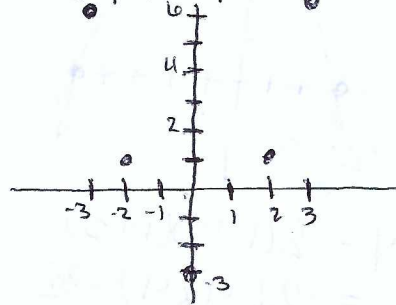
Ex. 1. Plot the points tell whether the points appear to rep. a linear, exponential or quadratic function.

- a) (8,4) (4,0) (0,-4)  
(-2,-6) (-4,-8)



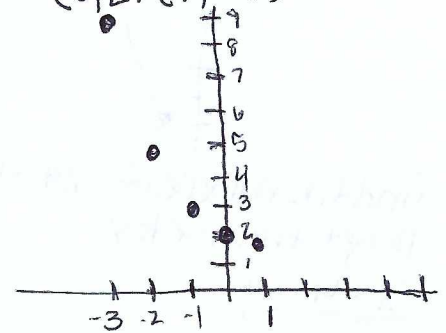
Linear

- b) (-3,6) (-2,1) (0,-3)  
(2,1) (3,6)



Quadratic

- c) (-3,9) (-2,5) (-1,3)  
(0,2) (1,1.5)



Exponential

3.7 HW p. 175 5-12, 38 & Practice Test WKst

Review 3A p. 180 2-12e, 13, 17, 18, 21-24, 77

Review 3B p. 189 1-9