Section 2.4

Linear Functions and Models

1. Graph each linear function
(Similar to p.184 #19-29)

$$G(x) = -3x + 2$$

2. Graph each linear function
(Similar to p.184 #19-29)

$$P(x) = -\frac{2}{3}x - 1$$

3. Find the zero of the linear function
(Similar to p.184 #31-37)

$$f(x) = 2x + 10$$

4. Find the zero of the linear function
(Similar to p.184 #31-37)

$$p(q) = \frac{1}{6}q + 3$$

5. (a) Draw a scatter diagram of the data
(b) Select two points from the scatter diagram and find the equation of the line containing the points selected.
(c) Graph the line found in part (b) on the scatter diagram
(Similar to p.185 #43-45)

x	1	2	3	4	5
y	2.4	3.2	5.7	9.1	11.2