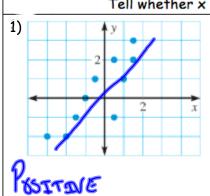
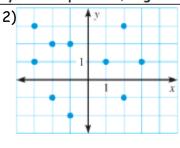
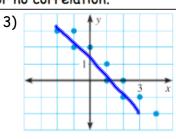
6.4 Practice Solutions

Tell whether x and y show a positive, negative or no correlation.







NO Corrention

NECATORE

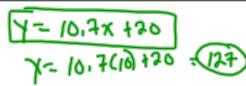
Make a scatter plot of the data. Find the equation of the best-fitting line. Approximate the value of y for x = 5.



Y= 2.6(5)+2.3±15.3

Make a scatter plot of the data. Find the equation of the best-fitting line. Approximate the value of y for x = 10.





Find the zeroes of the function.

6)
$$f(x) = 7.5x - 20$$

 $0 = 7.5x - 20$
 120
 120
 120

7)
$$f(x) = \frac{1}{8}x + 2$$

$$6 = \frac{1}{8}x + 2$$

$$-2$$

$$7) -2 = \frac{1}{8}x (8)$$

Describe and correct the error made in finding the zero of the function y = 2.3x - 2

9)
$$\chi = 2.3(0) - 2$$

 $\chi = -2$

Describe and correct the error in finding an equation of the best-fitting line using a graphing calculator.

10)

Equation of the best-fitting line is y = 23.1x + 4.47.

y=ax+ba = 4.47b = 23.1r2=.9989451055

y=4.47 x + 23.1

Switched a and b values.

SKILLZ REVIEW		
Find the slope of the line.	Simplify.	Solve.
1)	31.6 + 2(5 - 3k) $6 + 10 - 6k$ $16 - 6k$	$3) 0 = -3 + \frac{m}{3}$ $43 + \frac{M}{3} (3)$ $Q = M$