4 n6

#5-3 $p(x|y) = \frac{p(x,y)}{p(y)}$

Same answer as 5-2a

#5-7 X = total # of sales Y = total profit from sales

(b)

X	p(x)
0	0.008
1	0.096
2	0.384
3	0.512

Y	p(y)
0	0.008
100	0.064
200	0.160
300	0.256
400	0.512

(c) $\mu_X = 2.40$. $\mu_Y = 320$.

(d) No.