$$M_{x} = 7.4$$
 $\sigma_{x} = 0.6$
 $M_{y} = 5.2$ $\sigma_{y} = 0.1$

$$\pm \alpha$$
)? 1)
2) $(\vec{0}) + (\vec{0}) = 1.37 = 0.608$

b),
$$5.2 - 7.4 = -2.2$$

 $v(y-x) = 1v(y) + (-1)^2 v(x)$
 $= v(y) + v(x)$
 $= v(y) + v(x)$
 $= \sqrt{(y)} + \sqrt{(x)}$
 $= \sqrt{(y)} + \sqrt{(x)}$



c)
$$V(N+B) = n^2V(X)$$

 $V(t) = 4V(X) + 9V(V)$
 $4(.6)^2 + 9(.1)^2$
 $-1.44 + .09$

2. a) mean?
$$x_1 + x_2 + x_3 + x_4 + x_5 + x_6 + x_7$$

= 23.8
b) $1 + \sigma^2 = \sqrt{.28} = .599$

7 a) point estimate: Single value used to estimate pop. para moter
ex: Sample numx is ps. of pop mean points

- 6) 1428,000 -> 119 × 12,000
- c) 8/10 au avove 100 = .8
- d) mean of sample points
- e) ~

5) \[2^2 \cdot \langle^2 \cdot