

$$\text{Add } U) \quad P(X=2) =$$

$$n=5$$

$$k=2$$

= 6

$$p = 0,16$$

$$\left(\frac{5}{2}\right) (0,16)^2 (0,84)^3$$

$$q = 0,84$$

$$\text{Add } C) \quad X \sim N(84, 979)$$

$$m = 80$$

$$s = 80$$

$$P(X < 80) = P\left(Z < \frac{80-84}{\sqrt{979}}\right)$$

$$p = 0,84$$

$$= P(Z < -1,2) = 0,5 - 0,1412$$

$$q = 0,16$$

$$= 0,5 - 0,1412 = 0,1588$$