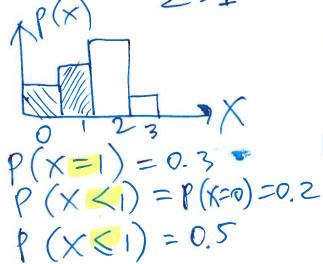
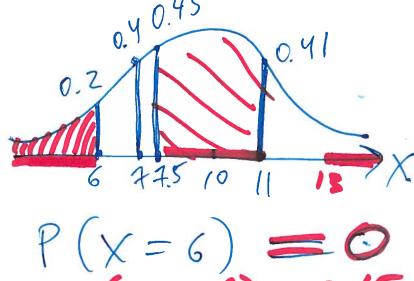
last class

DISCRETE

$$\frac{x}{0} = \frac{p(x)}{0.2}$$
0.2
0.3
0.4
0.1
\[\sum_{p(x)} = 1 \]



CONTINUOUS



$$P(X=6) = 0.15$$

 $P(X < 6) = 0.15$
 $P(X < 6) = 0.15$

Slide 16 3,000 P(X<3800) 3000 3800

(Slide 17 X = weekly demand W=50,000 J=14,000 a) Y = X + X + ... + X = 2 P(2,400,000 < Y < 2,700,000) = .815P (Y <2,700,000) - P(Y<2,400,000) My = 52 · 50,000 = 2,600,000 = 2.6 m/n TY = 1/52 · (14,000)2 = 152 . 14,000 = 0.101 m/n 0.01 =2.766 m/n