

Discussion Week 8 answers

Ex 22.

a. $P(T > 2) = .368$

b. $E(T) = 2$ days

Ex. $P(X \geq 30) = 0.999$

7.

a. $p(1,1) = .030$.

b. $P(X \leq 1 \text{ and } Y \leq 1) = .12$

c. $P(X = 1) = .3$

d. $P(\text{overflow}) = .38$

e. X and Y are independent.