

## HW #9

Kozak sec. 5.1 Prob. 1

1. a.) Number of days it take to fix an eyeglass.

b.) See attached screenshot

c.)  $\bar{x} = 4.175$  days

e.)  $\sigma = 2.901$  days

f.)  $P(x \geq 16) = .004$

g.) Yes, because the probability is only .2%

h.) I would be grateful that it was repairable.

HW Question #2

2.) a.)  $\mu = 1.4482$   $\sigma = ?$

b.)  $P(2) = .2335$

c.)  $P(x \geq 2) = .85$

d.)  $P(x \leq 2) = .38$