Statistics hw 4

1 @ n=5

Mean = 30

1-X = 90

0.0.1

1-0/2 = 0.95

2 0.95 = 1.645

Confidence interval : X = Z 0.95 in

30 = 1.645 3 TS

(27.79, 32.21)

b 1.645 1 = 1

N= 24,3542

sample size must be 252 devices.

3 n=4

6:5

men: 2B7

1-0= .90

1.0 = X

1-2/2 = 0.95

20.95: 1.645

Confidence interval: X=Z 0.98 FM

257 = 1.645 =

(252.89, 261.11)

(4) n=9

0 = 10g

Mean = 1929

1-0= .90 x:01 1-2/2= apr 0.95 20,95= 1.645