

1) a) less than 11% , 11% or more

b) 11% or more , less than 11%

2) B. $t < -1.30$

-6.53

C.

3) D.

A. $t < -2.26$ or $t > 2.26$

0.74

B.

4) D.

-2.60

Reject, is, less

5) -1.30

Do not reject, is not

6) -1.17

Do not reject, is not

7) $H_0 \rightarrow \mu_1 = 7.5$, $H_1 \rightarrow \mu_2 > 7.5$

2.76

Reject, is

8) $H_0 \rightarrow \mu_1 = 162.5$ $H_1 \rightarrow \mu_2 \neq 162.5$

3.02

Reject, is

9) $H_0 \rightarrow \mu = 162.7$ $H_1 \rightarrow \mu \neq 162.7$

2.37

Reject, is

10) E.

5.02

Reject, is