

6.1

2

a $Z = \frac{.595 - .6}{\frac{.05}{\sqrt{65}}} = -.81 \Rightarrow P(Z < -.81) = p = .2090$

b $p = .2090 \Rightarrow 20.9\%$

8

a $Z = \frac{5.02 - 5}{\frac{.06}{\sqrt{100}}} = 3.33 \Rightarrow p = .0008$

b $p = .0008 \Rightarrow .08\%$

6.2

2

a true

b false

c true

d false

4

a false

b false

c false

d true