

Answer Key pg 445 (p-value approach)

7. $H_0: P \leq 0.3$, $H_1: P > 0.3$, $z = 2.31$ P-value = 0.0104 Reject H_0
9. $H_0: P \geq 0.55$, $H_1: P < 0.55$, $z = -0.74$ P-value = .2296 Don't reject H_0
11. $H_0: P = 0.90$, $H_1: P \neq 0.90$, $z = -1.49$ P-value = .1362 Don't reject H_0
15. $H_0: P \leq 0.019$, $H_1: P > 0.019(c)$, $z = 0.65$ P-value = 0.2578 Don't reject H_0
17. $H_0: P \leq 0.5$, $H_1: P > 0.5(c)$, $z = 1.09$ P-value = 0.1379 Don't reject H_0
23. $H_0: P = 0.47$, $H_1: P \neq 0.47(c)$, $z = -2.49$ P-value = .0128 Reject H_0