

# Hypothesis Testing Roadmap (Minitab 16)

### Tips to Remember

1. Proper sample size selection is required for tests to be effective.
2.  $H_1$  can be  $<$ ,  $>$  or  $\neq$  depending on whether a 1- or 2-sided test is being performed.
3. If  $p > \alpha$ , then do not reject  $H_0$ .
4. If  $p \leq \alpha$ , then reject  $H_0$ .
5. An  $\alpha$ -risk of 0.05 is used typically, based on a 0.95 confidence level.

