

Answer Key for “Choosing the Correct Inference Method” Worksheet

1. c or d (assuming we’re comparing the mean lifespan of these two brands)
2. a or b (assuming we’re examining the mean number of contacts per student)
3. f
4. l or m
5. j
6. h
7. b
8. i
9. The answer depends on how the response variable, closeness of shave, is measured. If a measurement of whisker length is calculated, then we’d be looking at a paired t procedure. If the measurement of the response variable is categorical—which razor did better—then we’d be using a one proportion procedure.
10. h