

EPRS8530

Chapter 11

Exercises 1 - 4 (p 218)

1 Suppose the national norm for secretaries on the keyboarding speed is 50 and the standard deviation is 10. The personnel director of a large corporation wanted to find out how her secretaries were doing in her company. She randomly selected 36 secretaries from her company and measured the keyboarding speed. The mean was 48. Conduct a one-sample z test to examine if the secretaries in her company are comparable to the national norm in terms of the keyboarding speed.

Step 1

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Step 2

Step 3

Step 4

2 Give a 95% confidence interval for the keyboarding speed for all the secretaries in her company.