A rental car company claims the mean time to rent a car on their website is 60 seconds with a standard deviation of 30 seconds. A random sample of 36 customers attempted to rent a car on the website.

1. If the mean time to rent was 65 seconds. Is this enough evidence to contradict the company's claim at 5% confidence level? What's the power?

Cannot reject

Assume

1. If the analysts team believe the claim is not correct and the the time for rent is 67 seconds, what's the sample size need to designed for a sufficient test with 85% fo power