

0. ###.Firstname.Lastname.T5.pg1 _____

WRITE THE ABOVE TITLE ON EACH PAGE!!!

M123 T5 (c) sp25, A. Azzolino

00.By my initials, I swear no one has helped me, I have not used artificial intelligences, & I have helped no one with this test. _____

000.My email address is : _____

0000. Print the test. Write work/answers on the test. Produce a digital copy. Rename it using

###.First.Last.T5 etc. Attach it to email & send to yellow@mathnstuff.com or green@mathnstuff.com

by Friday 11:5p pm, May 2, 2025.

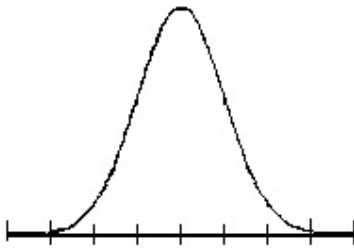
00000. Write your ###.First.Last.T5.p__ on each page OR NOT CREDIT FOR PAGE!!

1. Run a hypothesis test. Include a statement of hypothesis, all computation, an image of the test, a summary of the test results,

The research department of a large company reports that the average salary of an assistant manager is \$42,000, with a standard deviation is \$5,230.

A sample of 30 assistant managers nationwide had a mean salary of \$43,260.

Test, with 95% confidence, the claim that the assistant managers earn more than \$42,000 per year.



2. Do not quote a source word-for-word. In your words explain a Type I error and a Type II error.