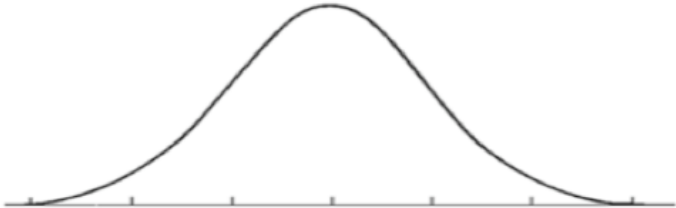Objectives
Learn how to null and alternative write hypotheses

From your warm up reading, write followings.

Null and alternative write hypotheses (with new notations)
Test Conditions:
The standard deviation of this sampling model :
Calculate the proportion of 400 ingots with new treatment (change made by the engineers).
Find the z-score for the new treatment.
Indicate it in a Normal model. By using a TI-Calculator, calculate how likely this z-score and below (we call this P-value)?
If the significant level (α level) was set at 5%, conclude the statement after the above hypotheses test.   (Compare 5% to P-value above, and use the term reject null H or fail to reject null H).