Ch.8, Step 1 - Writing H_0 and H_1

Two-Tailed Hypothesis Test:

General format:

H_0: _____ = _____
H_1: _____ ≠ _____

One-Tailed Test (Predicted Decrease):

General format:

H_0: _____ ≥ _____
H_1: _____ < _____

One-Tailed Test (Predicted Increase):

General format:

H_0: _____ ≤ _____
H_1: _____ > _____

Then fill in the blanks:

- **First blank:** put in "$\mu_{treatment}$," but instead of the word "treatment," put in the *actual treatment* from the problem (the pill, or therapy, or whatever the treatment was that was being tested).

- **Second blank:** put in the *general population mean (from the problem).*