

1. ASK A QUESTION

-The first 3 things that you need to decide for your project are your:

1. **Population** (The group you will sample from)
2. **Research objective** (What you want to learn about the population)
3. If you will compare **two groups** within your population.

-Sometimes students want to compare two groups within the population (men vs women, old vs young, this place vs that place). If you want to compare two groups, define the two groups.
If you do not want to compare two groups, that is OK.

1. What is your **population**?

~~How many~~ student's in CCD ~~join the military~~

2. What is your **research objective**?

How many student's in CCD join the military
what Percentage from

3. If you have two groups from the population, what are the **two groups**?

If you do not want to compare two groups, that is OK, you can skip this.

~~How many male student join the military?~~
~~How many female student join the military?~~

-Next, **clearly state** your survey question or observation.

When you collect your data from your sample, the data can be obtained by observation, or you can ask people a simple question.

4. What will you observe or what is your survey question?

Do you join the military?
Have you ever join the military?
~~Do you plan to join the military?~~

AFTER YOU ANSWER 1-4, you GO OVER THIS SHEET WITH THE INSTRUCTOR AND HE/SHE WILL FILL

OUT THE REST WITH YOU

OPTION A/B/C/D

Null Hypothesis:

$H_0: p = .20$ (20% in military)

Alternative Hypothesis:

$H_a: p \neq .20$ (different than 20% in Military?)