

PROJECT: TESTING A CLAIM

Due date: Friday, May 2nd

Your mission is to explore, test, and draw a conclusion of the validity of a claim made in the media.

You may test the claim using any of the methods discussed in Chapter 7.

You must include the following in your final report:

1. Claim & source of claim (ex. source may be a website or magazine)
(5 points)
2. Data collected to test the claim (10 points)
3. Test the claim (show **all** steps for a hypothesis test, including assumptions)
(20 points)
4. Draw a conclusion based on the claim, including your opinion. (2-3 sentences)
(10 points)
5. Do you think all the assumptions were met? Is your test valid? Explain.
(2-3 sentences)(5 points)

Additional points can be earned for: extreme neatness, creativity, presentation, and professional appearance

Examples (these cannot be used!!)

#1. Average number of text messages per day for teens. (hypothesis test for sample mean)

#2. Do teens text message while driving? (hypothesis test for sample proportion)

HINT: Use google to search your interest.

For example #1, search average number of text messages per day for teens

For example #2, search percent of teens text messaging while driving

Deadline to show me the claim you will be testing:
Wednesday, April 23rd (in person or via email)

No more than two groups will be testing the exact same claim so show me your claim ASAP!!!