

## HW2

For the following questions, read the ASA Statement on P-values (link: <https://www.tandfonline.com/doi/pdf/10.1080/00031305.2016.1154108?needAccess=true>) and Moving to a World Beyond “ $p < .05$ ” (link: <https://www.tandfonline.com/doi/pdf/10.1080/00031305.2019.1583913?needAccess=true>)

NOTE: copying and pasting responses will not result in full credit.

1. **(2 points)** In your own words, please define a p-value.
2. **(3 points)** In your own words, summarize the 6 principles of p-values.
3. **(3 points)** Summarize why the authors state *Don't Say "Statistically Significant"*
4. **(4 points)** In your own words, summarize the four components of ATOM.
5. **(4 points)** How has reading these two articles influenced your statistical practice moving forward?