

## POW #8 – Cake

Due: Thursday, May 9<sup>th</sup>, 2019 at the start of class

If every student at Tucson high celebrated their birthday with a cake on the same day, would all of the cakes fit in Ms. Hoff's classroom? Please explain how much extra space would be needed or if there is left over space in the room.

Justify your response with research and a complete write up explaining your work. Your write up should be in paragraph form, have calculations that show the work, and an explanation of any assumptions you made as well as the final answer.

Your write up should be neatly handwritten or typed on a separate paper.

Restate the problem in your own words, explain how you solved it and **be sure to cite any sources you used for gathering information.**