




# Inquiry Project

CHANCES ARE, YOU HAVE ALREADY ASSUMED THIS PROJECT WILL BE BORING.

By: Kennedy Ross

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- ▶ Suppose your water heater broke so you couldn't take a hot shower. You go to a person and ask them to check out your water heater. That person comes to your house and uses a bunch of spare parts and then fixes it so you pay him or her for the repairs. Is this person more likely:
  - ▶ An accountant?
  - ▶ OR
  - ▶ An accountant and a plumber.

# Assumptions/Estimations



How many jelly beans are in this bowl?  
Don't count . . .  
**ESTIMATE!**











WHAT DO YOU MEAN ?



# Why can't I have my right answer?







**Why  
is it so  
important  
to be right?**

# What is the balance?





Discussion!



In conclusion...

# Citations

- ▶ Mitchell, Michael. "A Clever Way to Estimate Enormous Numbers - Michael Mitchell." YouTube, YouTube, 12 Sept. 2012, [www.youtube.com/watch?v=0YzvupOX8ls](http://www.youtube.com/watch?v=0YzvupOX8ls).
- ▶ Date accessed: October 30th, 2017
- ▶ Mendler, Dr. Allen. "'Why Do We Need to Learn This?'" Edutopia, 23 Jan. 2014, [www.edutopia.org/blog/why-do-we-need-to-learn-this-allen-mendler](http://www.edutopia.org/blog/why-do-we-need-to-learn-this-allen-mendler).
- ▶ Date accessed: October 30th, 2017
- ▶ Hoffman, Brad. "Why Teaching Both Estimation and Accuracy Is Important." My Learning Springboard, My Learning Springboard, 13 May 2016, [mylearningspringboard.com/why-teaching-both-estimation-and-accuracy-is-important-in-math-instruction/](http://mylearningspringboard.com/why-teaching-both-estimation-and-accuracy-is-important-in-math-instruction/).
- ▶ Date accessed: October 27th, 2017
- ▶ Schwartz, Mel. "Why Is It So Important to Be Right?" Psychology Today, Sussex Publishers, 7 Mar. 2011, [www.psychologytoday.com/blog/shift-mind/201103/why-is-it-so-important-be-right](http://www.psychologytoday.com/blog/shift-mind/201103/why-is-it-so-important-be-right).

# Citations

- ▶ TEDEducation. “A Clever Way to Estimate Enormous Numbers - Michael Mitchell.” YouTube, YouTube, 12 Sept. 2012, [www.youtube.com/watch?v=0YzvupOX8ls&t=140s](http://www.youtube.com/watch?v=0YzvupOX8ls&t=140s).
- ▶ Date accessed: Nov 1<sup>st</sup> 2017
- ▶ HensonCompany. “Estimation - Sid The Science Kid - The Jim Henson Company.” YouTube, YouTube, 31 Jan. 2015, [www.youtube.com/watch?v=lpVLe0rHhzw&t=101s](http://www.youtube.com/watch?v=lpVLe0rHhzw&t=101s).
- ▶ Date accessed: Nov 3<sup>rd</sup> 2017