**09-10 Reading Assignment**

Please read and respond to the following questions:

1. Please read the summary of the code-development process used for the Space Shuttle. Note, the article is old (1996) but I think it is still relevant. **09-10 Space Shuttle Software - They Write the Right Stuff - Fast Company**
2. In the context of Physics, how do you check your answer for correctness (or eg, this isn’t wrong because…)? Give me 3 different approaches that you’ve used this or last semester.
3. In the context of foraging for mushrooms in the woods, which is what the cool kids in Junior/Senior high now do, how do you check your answer?
4. Does the penalty for getting it wrong (ie, physics calculations vs shuttle software vs mushrooms) affect how you think about wrong answers?
5. Imagine you are in charge of a bank branch (eg Wells Fargo in Winona). What is an acceptable error rate (in $) for embezzlement, fraud, bad ATM machines, and tellers/cashiers who aren’t great at counting?