Math 48A: Exam 1

Part 1: Explore Learning in Math

1. Please read the article: [What is deep learning?](https://thelearningcode.school.blog/2021/01/24/what-is-deep-learning/)
2. Come up with a first draft of your own definition of learning. Capture your ideas and write your definition in a special place so that you return to and edit your ideas in the future. As you develop your work, engage in retrieval practice by trying to recreate some of what you read in this blog post from memory.
3. Write a first draft of your definition for deep learning.

1. When have you done deep learning in your life? What activities make you excited to do deep learning?
2. How do you know when you are engaged in deep learning? What does that feel like?
3. Draft your own definition for shallow learning. Write this in your own language.
4. When do you engage in shallow learning? What activities make you want to learn in a shallow way?
5. How do you know when you are doing shallow learning? What does that feel like?
6. What type of support do you need to get excited about learning math deeply in this class? What type of classroom policies do you want me to adapt to support your work to engage in deep learning?

Here are some of the policies I think are important to empower deep learning:

Equity-Minded Classroom Policies to Empower Deep Learning

1. Opportunities for Collaborative work
2. Opportunities to recover from setbacks
3. No high-stakes assessments
4. No limits on the amount of time needed to complete an assessment

We’ll talk through these today as we get ready for our first exam on content from Lessons 1 – 4. This assignment is actually part of your first exam! You get credit for completing this. We’ll talk about this together.