

## Day 6 (July 8, 2016)

**Private think time (4 minutes):**

What mathematical questions are on your mind?

What insights have you enjoyed making?

Share at your tables *after* private think time.

## Your responses:

- Fibonacci and the coin problems seem to go together very well.
- Lots of connections between recursive definitions, matrices and infinite series
- Understand why matrix multiplication is the way it is
- Steady states.. Cool! Might apply to other areas of study
- Using different structures to help people make connections
- Starting to see an explanation of the "Beat Cal" game, maybe...
- We see these geometric series converging, but we're also noticing alternating series, and other similar series. Curious about those.
- Teaching procedures outside of context is such a waste of time.
- Getting insight on what it's like to be a student who doesn't get it as quickly as everyone else, and also not being to finish something and to have things left unfinished.
- What are the conditions needed so that a situation will have a steady state or not?
- Like how well our table was able to collaborate.
- The type of group you're in and the group dynamics make a difference.
- Learning matrices and recursive functions in this manner really helps for understanding, but it might also take longer?