

Math 480A2, Homework 14  
Due December 8, 2022

*Homework is graded out of a total of 10 points. Collaboration is permitted, but you must list all coauthors on a problem's solution at the top of the page, and your writing must be your own.*

**Problem 1.** (10 points) Read the following blog post, “Measuring SNARK performance: Frontends, backends, and the future” by Justin Thaler (reading time ~30 minutes):

<https://a16zcrypto.com/measuring-snark-performance-frontends-backends-and-the-future/>

Write a paragraph or two about some aspect of the post that you found interesting, and ask a question about something you found unclear.