

Day 14:

Look at Problem #2 & underline the word "average".

## Day 14: What questions are in your head?

- How can you test if a number can be written as the sum of squares?
- Easy test for primeness of Gaussian ints?
- Circles & ellipses but what about hyperbolas & parabolas?
- Can you convert a Pythagorean triple to an Eisenstein trip?
- On isometric grid of circles, average  $\approx 3.6$  ???