Day 10

Note: #12 typo
should be "c=91" instead

Observations about #1

- For both Pythagorean or Eisenstein triples, squaring a+bi or a+bw gives you a triple. The N-value gives one side and the other sides come from the 2 parts after squaring.
- The angle of the larger triangle looks bisected

Day 10: Questions still rolling in our heads:

- What does it mean when a number has N-value of 1?
- What's up with rotations with $\sqrt{2}$?
- Why do numbers with $N \neq 1$ still approximate $\sqrt{n}$? Why slower?
- Other dot paper? What other angles are useful?
- Why do powers of i relate to mod 4 thingie?
- Circles, ellipses & hyperbolas. Oh my!