Cyphertext: **ABCDEFGHIJKLMNOPQR**

A is the number of peddles in the r = cos(2θ) flower.

Binary is base **B**

CD is the number of vertices in an icosahedron.

A boy has a penny, nickel, dime, and quarter. He can create **E** unique dollar amounts using 2 coins.

F = $-e^{i\pi}$

Jose and Jota just became friends with Jerimiah, and they want to know his birthday. Jerimiah gave J&J 10 possible dates: May 4, June 7, July 2, Aug 2, May 6, June 8, July 6, Aug 4, May 9, and Aug 7. Jerimiah tells Jose his birth month and he tells Jota the day of his birthday.

Jose says: "I don't know Jerimiah's birthday, but I know Jota doesn't know either."
Jota says: "Ah, I didn't know Jerimiah's birthday either, until you told me that!"
G = the day of the birthday.

A string is wound evenly around a circular rod 4 times. The rod has a diameter of 3/π. **H** is the length of the string.

5☺8=60, 7☺8=98, 6☺7=72, 4☺5=32, 3☺7=27, 1☺0=**I**

$$\boldsymbol{J} = \int_0^{\pi} \sin(cos\theta)d\theta$$

It's WWII and the Nazis want to make a statement to the US. They must, at all costs, get a Unterseeboot to New York City from Europe. Unfortunately, German engineering isn't all it's cracked up to be and all their U-boats can only hold fuel required to make it ½ the distance to the US, but they have the ability to transfer fuel underwater. It takes **K** boats total to invade those damn 'mericans?

A construction company figured out that a bricklayer and a half could build a building and a half in a week and a half. It would take **L** equivalently skilled bricklayers to construct a dozen buildings in six weeks?

2 9 3 1 8 4 3 6 5 7 **M**

N = $\sum_{n=1}^{\infty} \frac{5}{2^n}$

Including the bogus bleep at the end, **O** is the units digit of the number of bleeps in this video: https://www.youtube.com/watch?v=B-Wd-Q3F8KM

P is the 3rd Motzkin number, M_3.

There's an integer n in which the last 4 digits of n^2 are the same as n. **Q** is the tens value of n and n^2.

At a crazy lesbian orgy, everyone had sex with everyone else once. There were 36 sessions of heavy scissoring and **R** satisfied ladies.