

#flo #disorganized

---

## 1 | let's go!!

Alice and Bob wanted to exchange information secretly. The two of them agreed to use the Diffie-Hellman key exchange algorithm, using  $p = 13$  and  $g = 5$ . They both chose numbers secretly where Alice chose 7 and Bob chose 3. Then, Alice sent Bob some encoded text (with both letters and digits) using the generated key as the shift amount for a Caesar cipher over the alphabet and the decimal digits. Can you figure out the contents of the message?

H98A9W<sub>H6UM8W6A9D6C5ZCI9C8IJBACIFAI</sub>

picoCTF{M43F4B<sub>M1ZR3B1F4I1H0EHN4H3NOGFHNKFN</sub>} h98a9w<sub>h6um8w6a9d6c5zci9c8ijbacifai</sub>

picoCTF{C43V4R<sub>C1PH3R1V4Y1X0UXD4X3DEWVXDABD</sub>} ?????

0.000228317094759-0.000156369801965i -0.003388682514055-0.002559342592582i -0.020711023763668+0.06178691