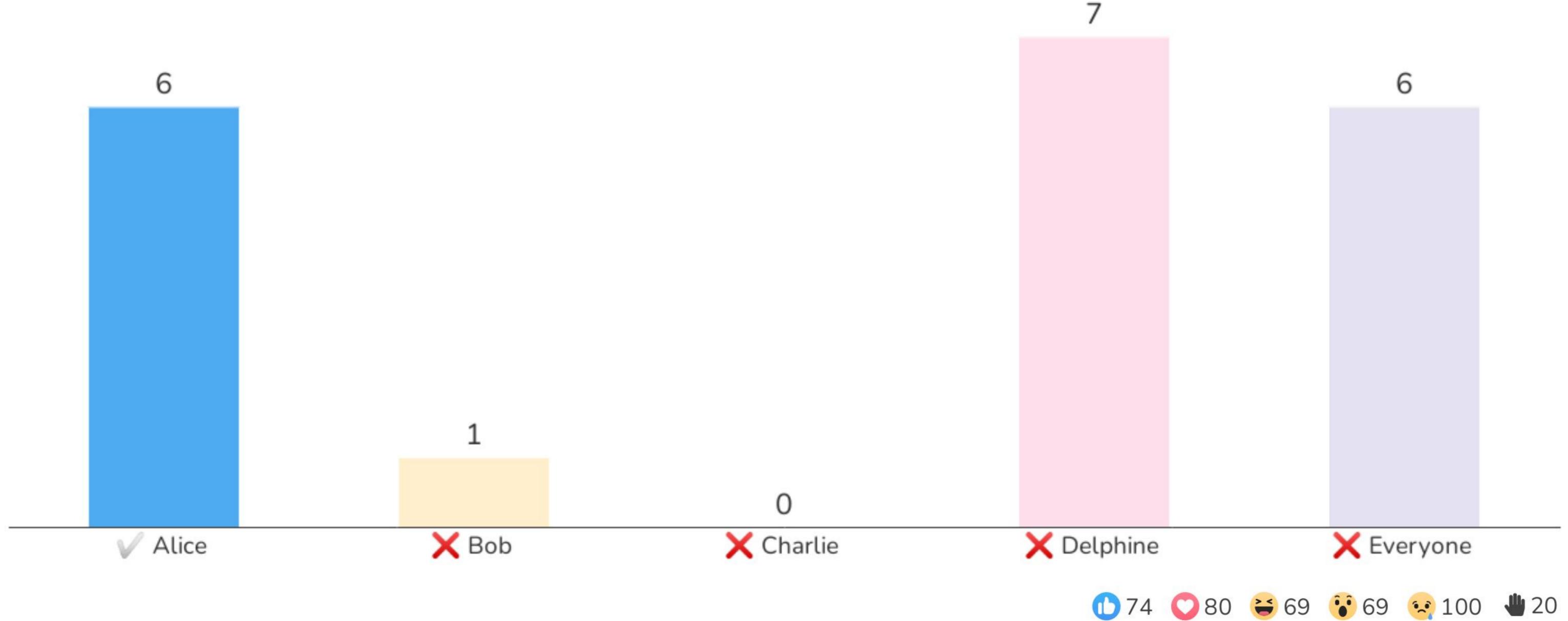


On a new blockchain, Alice is the default forger. Bob decides to stake 1, Charlie 2 and Delphine 3. Who is the likeliest forger for block 1?

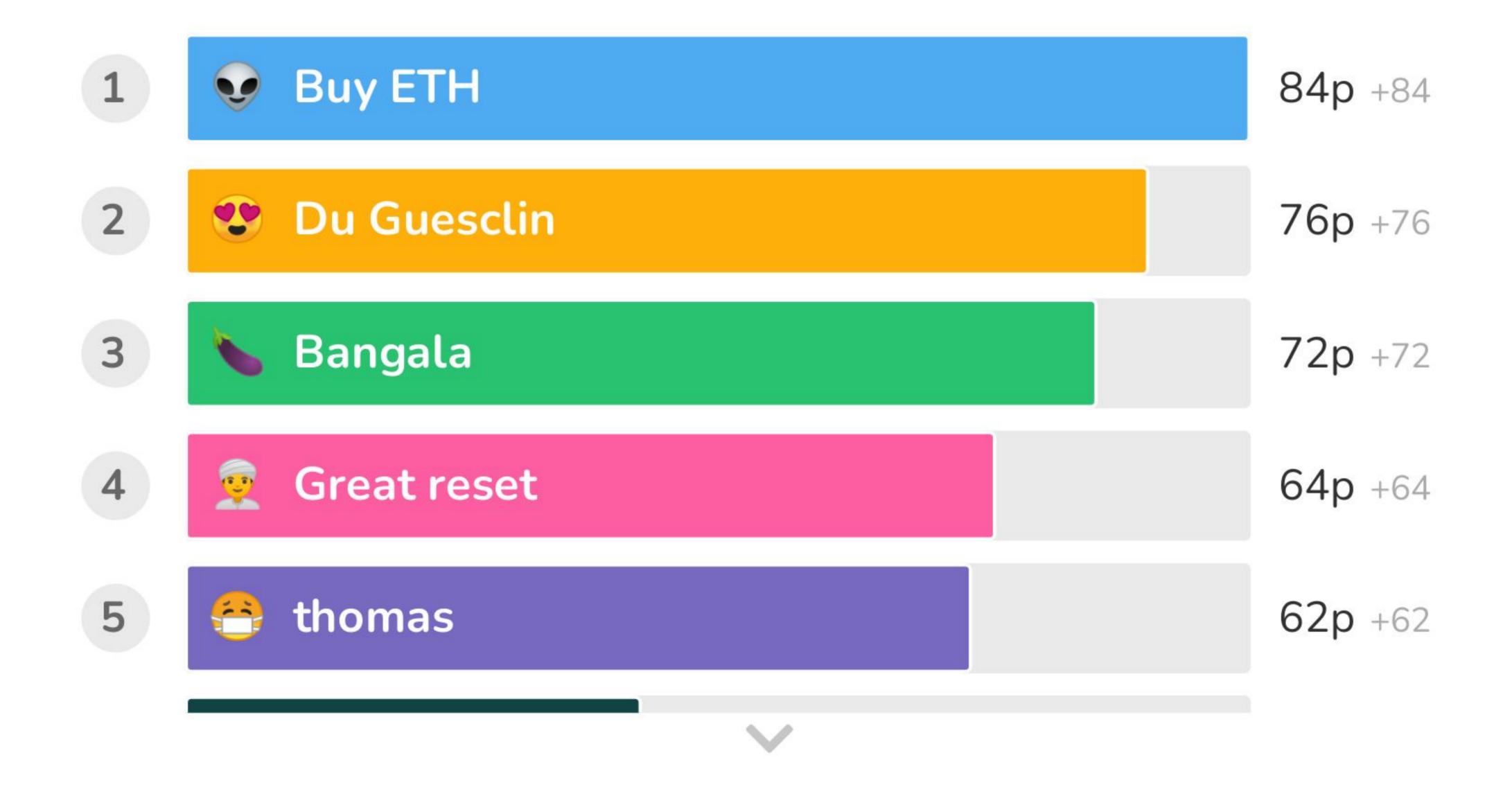










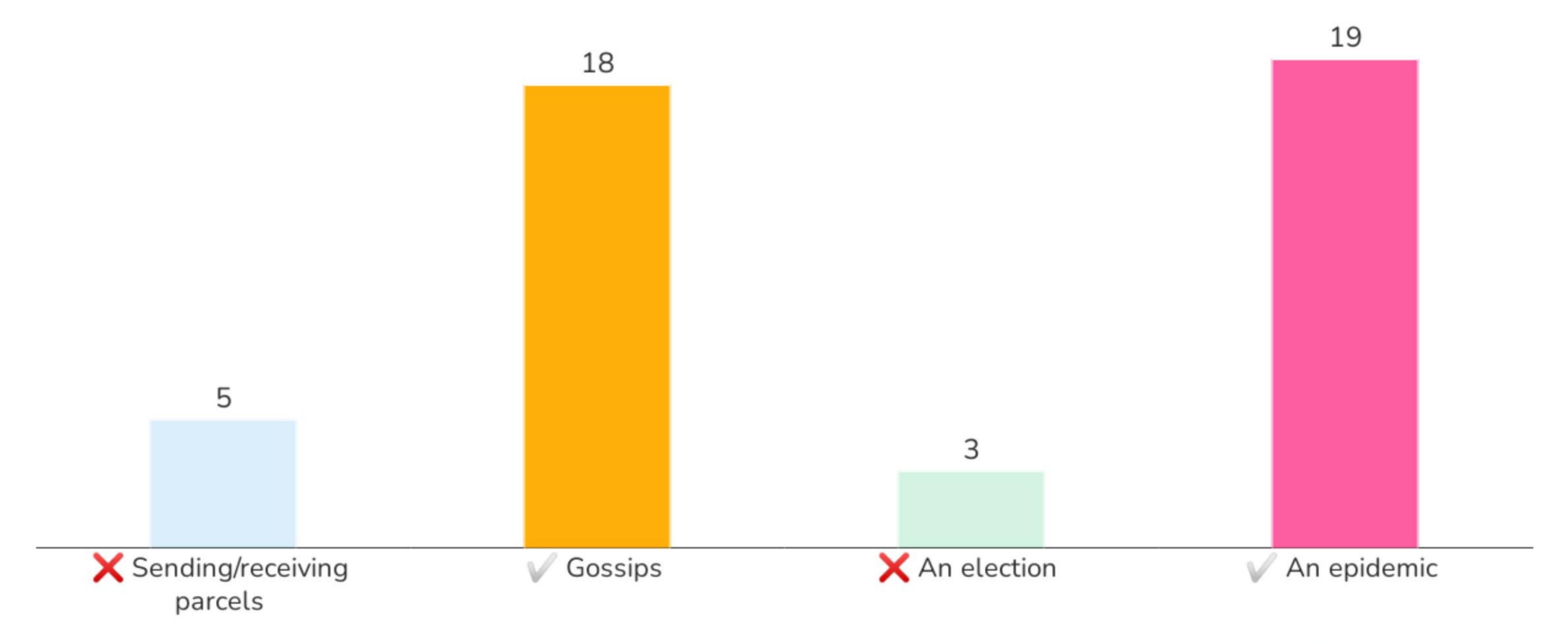








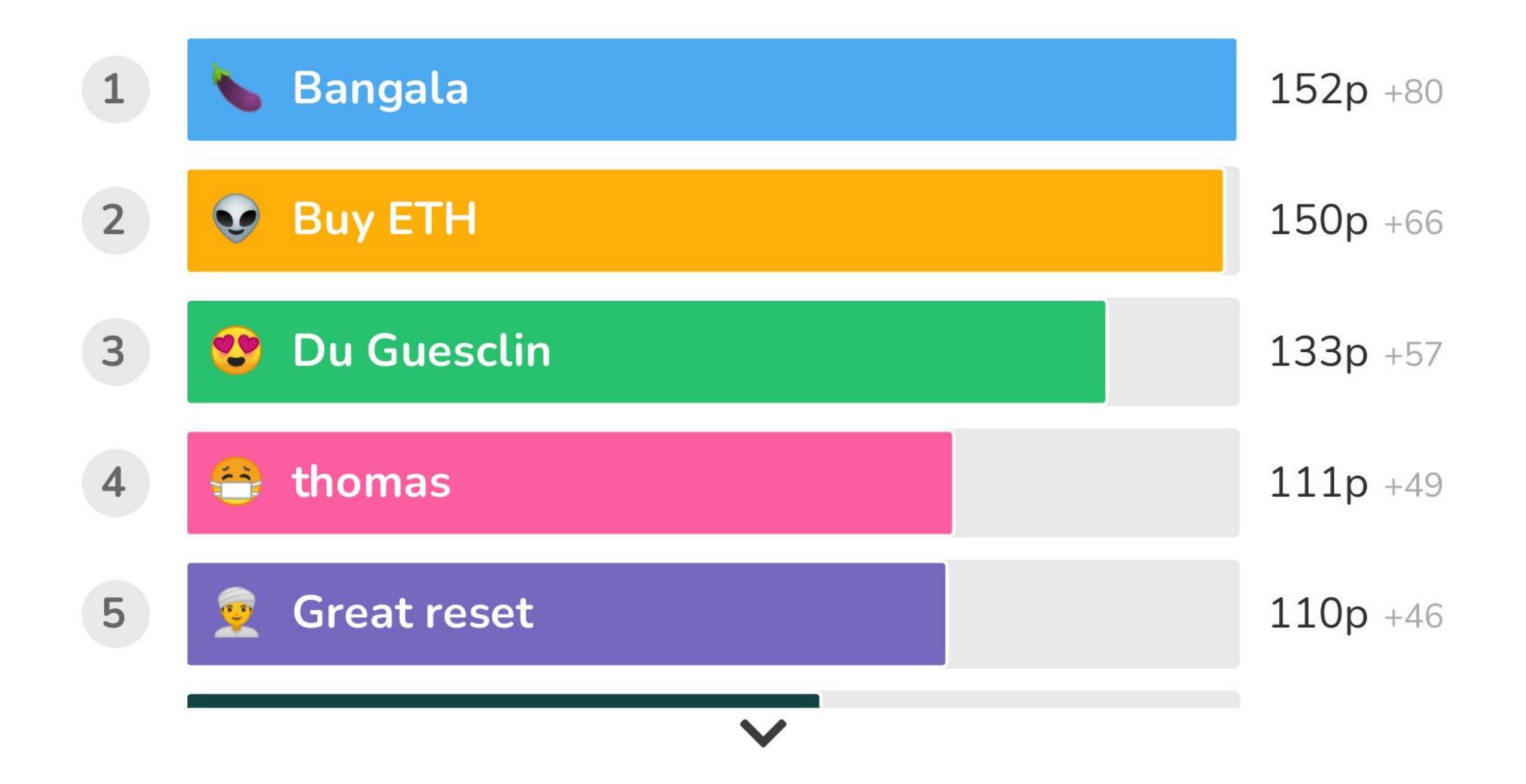
Which of the following systems are decentralized?







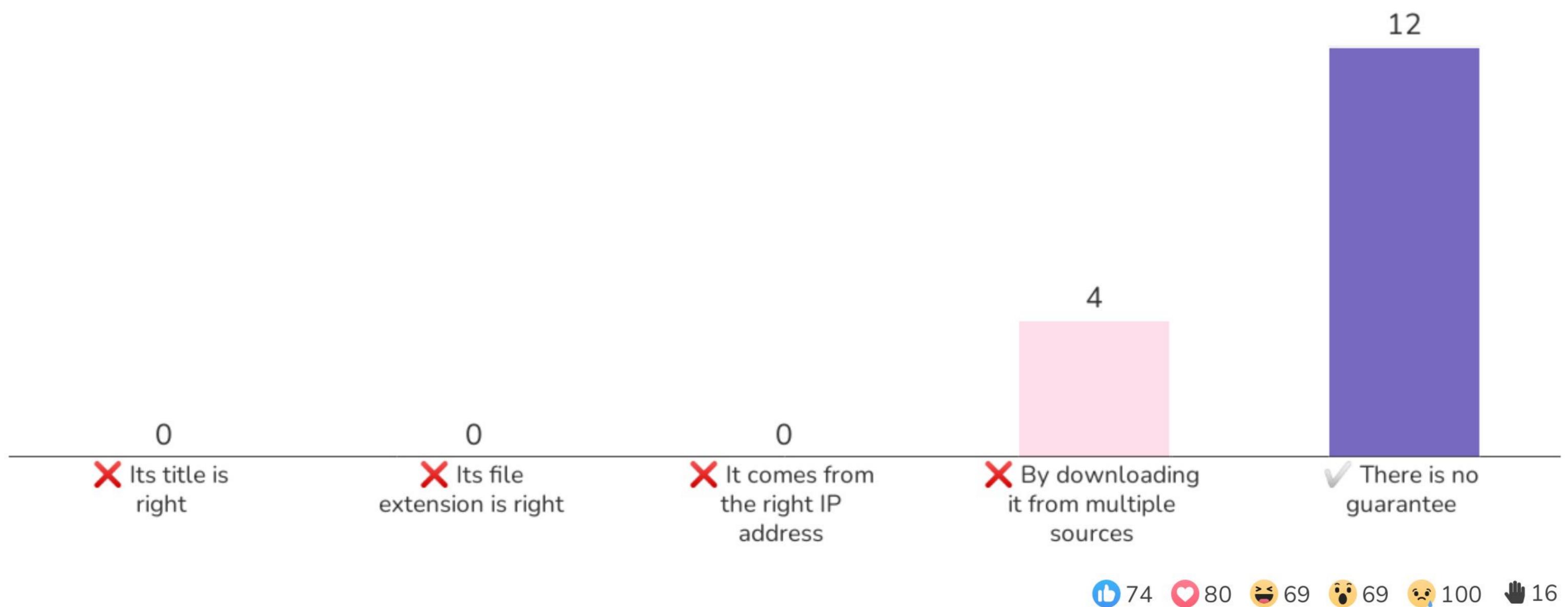








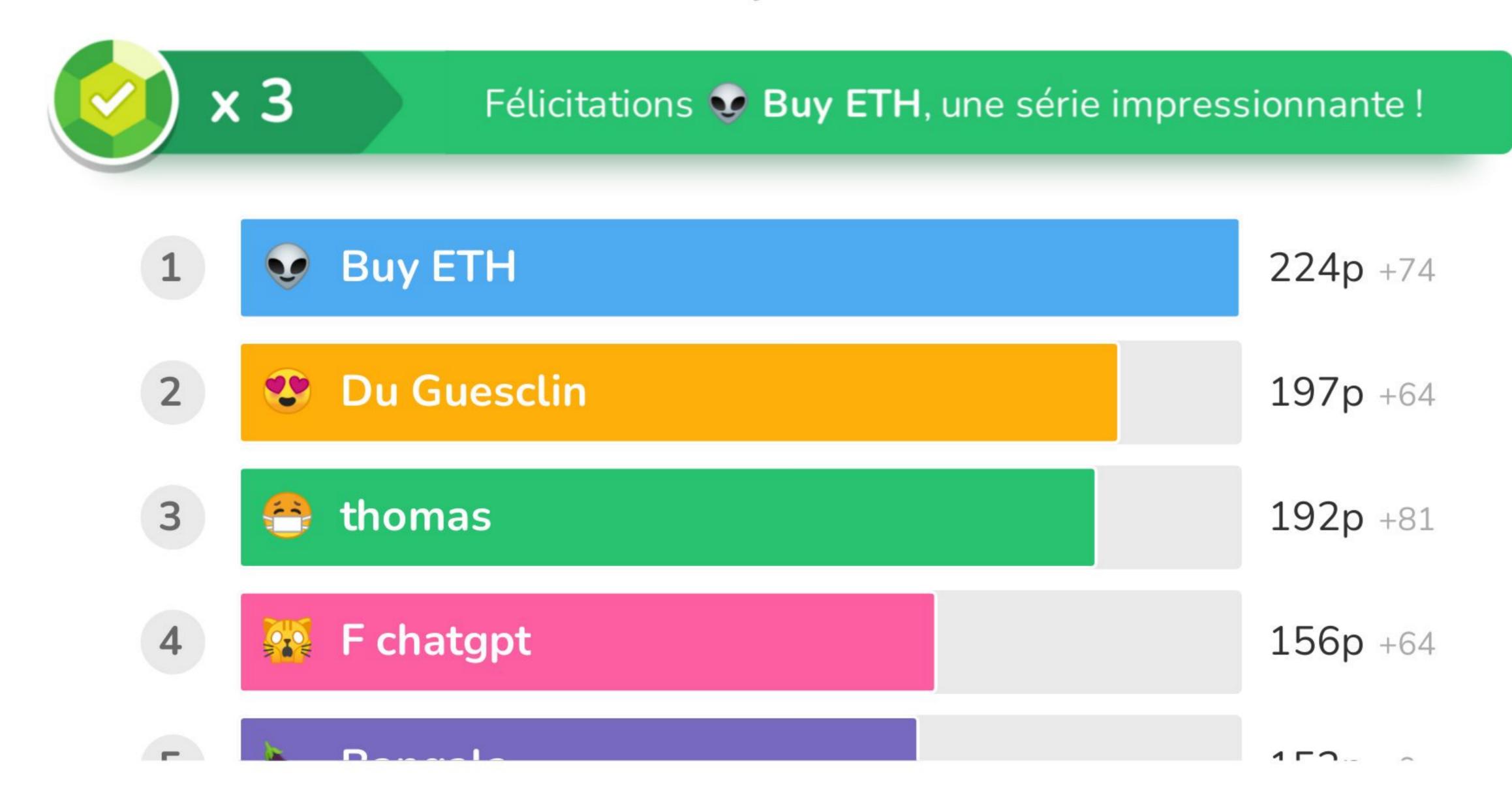
How could you know in advance that a file was not fraudulent?





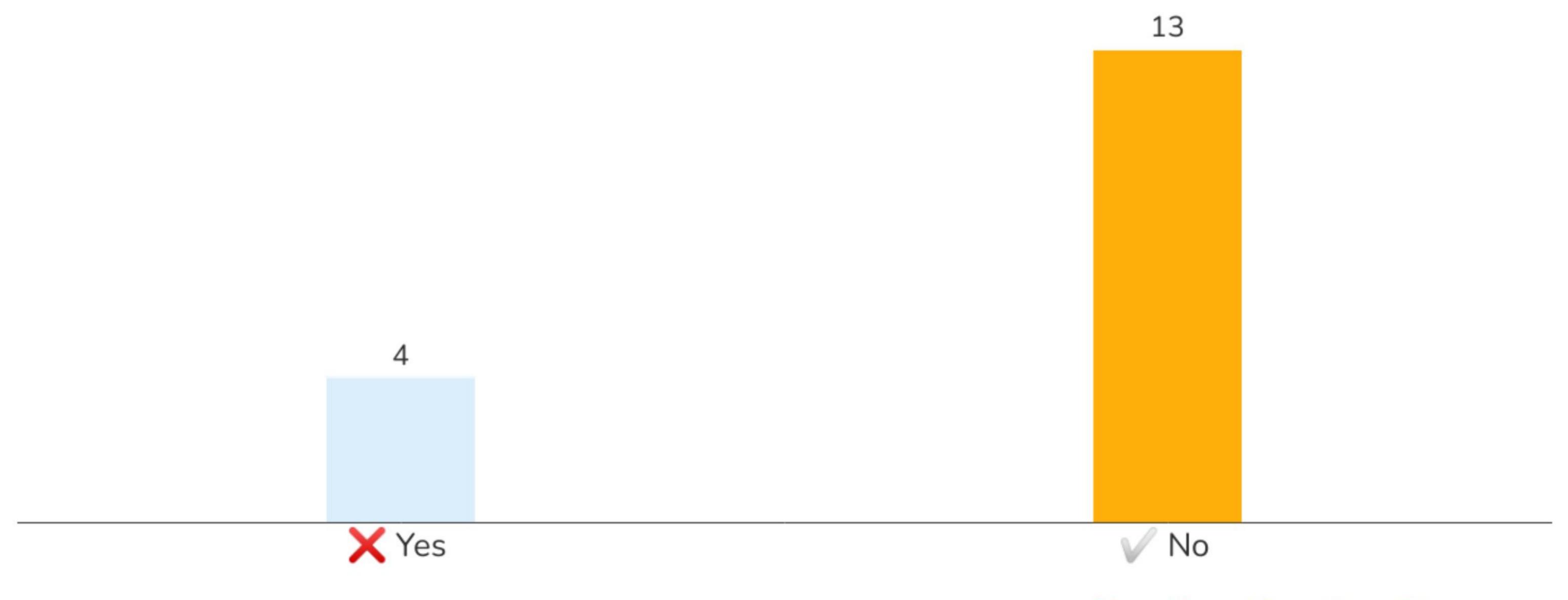






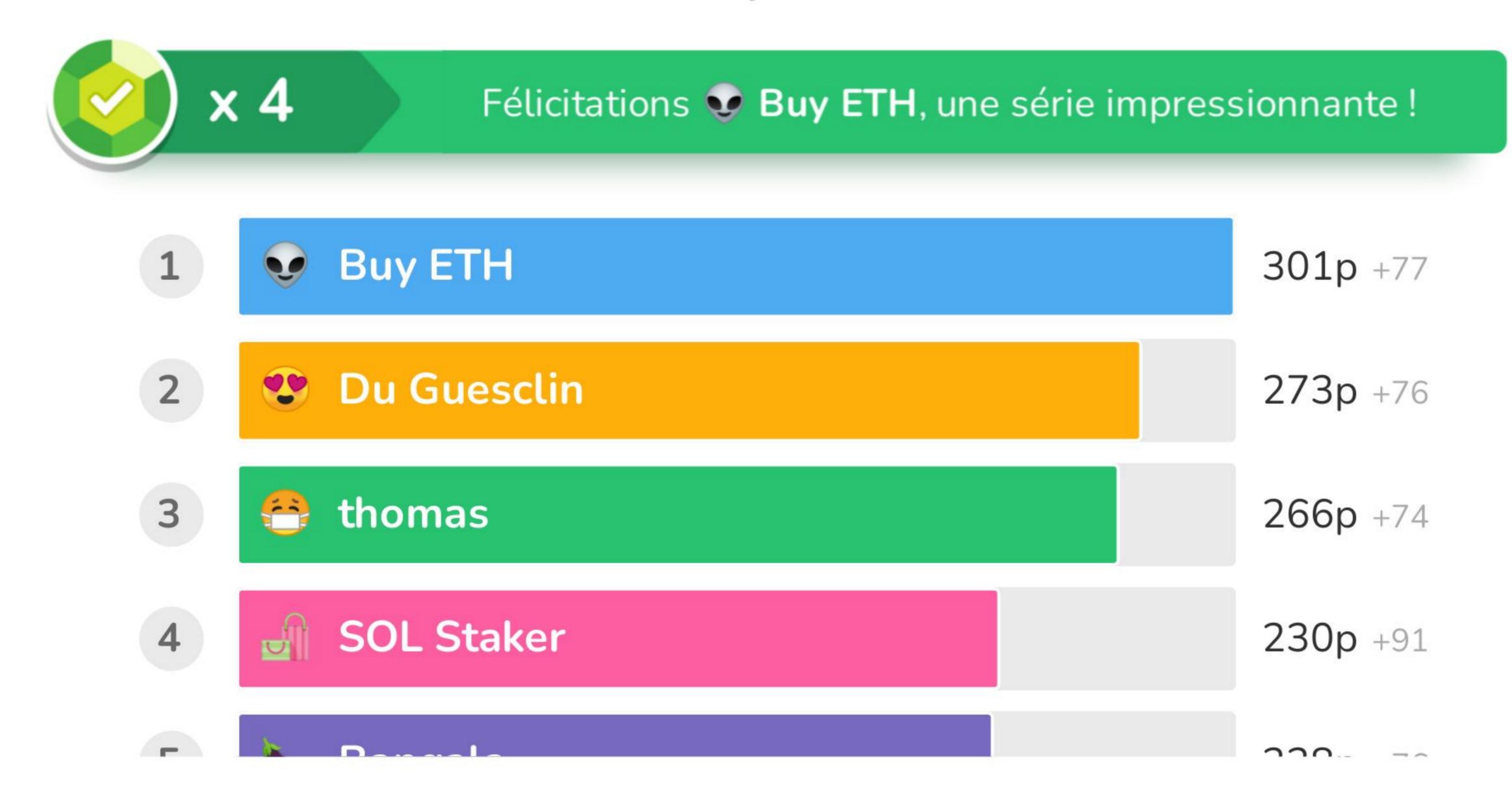


Is it mandatory to keep a full copy of the blockchain to be a validator?









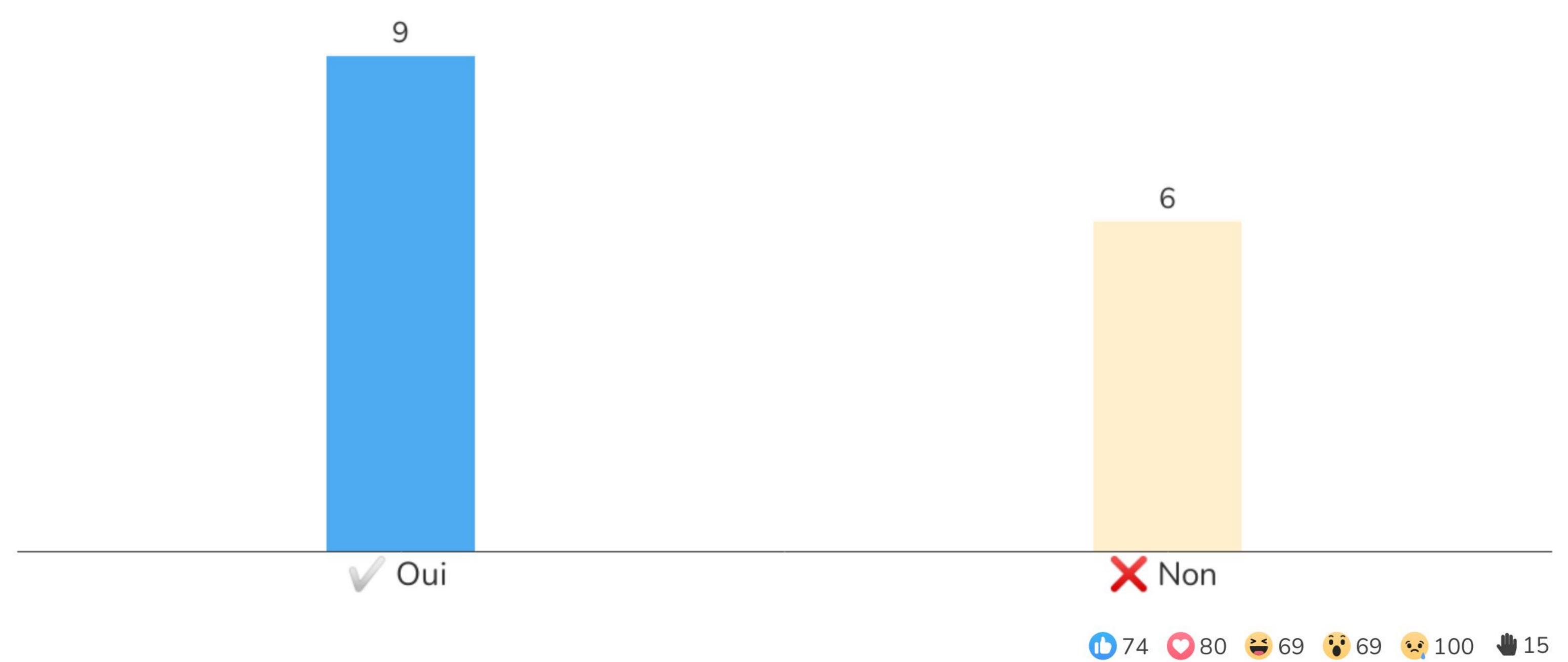








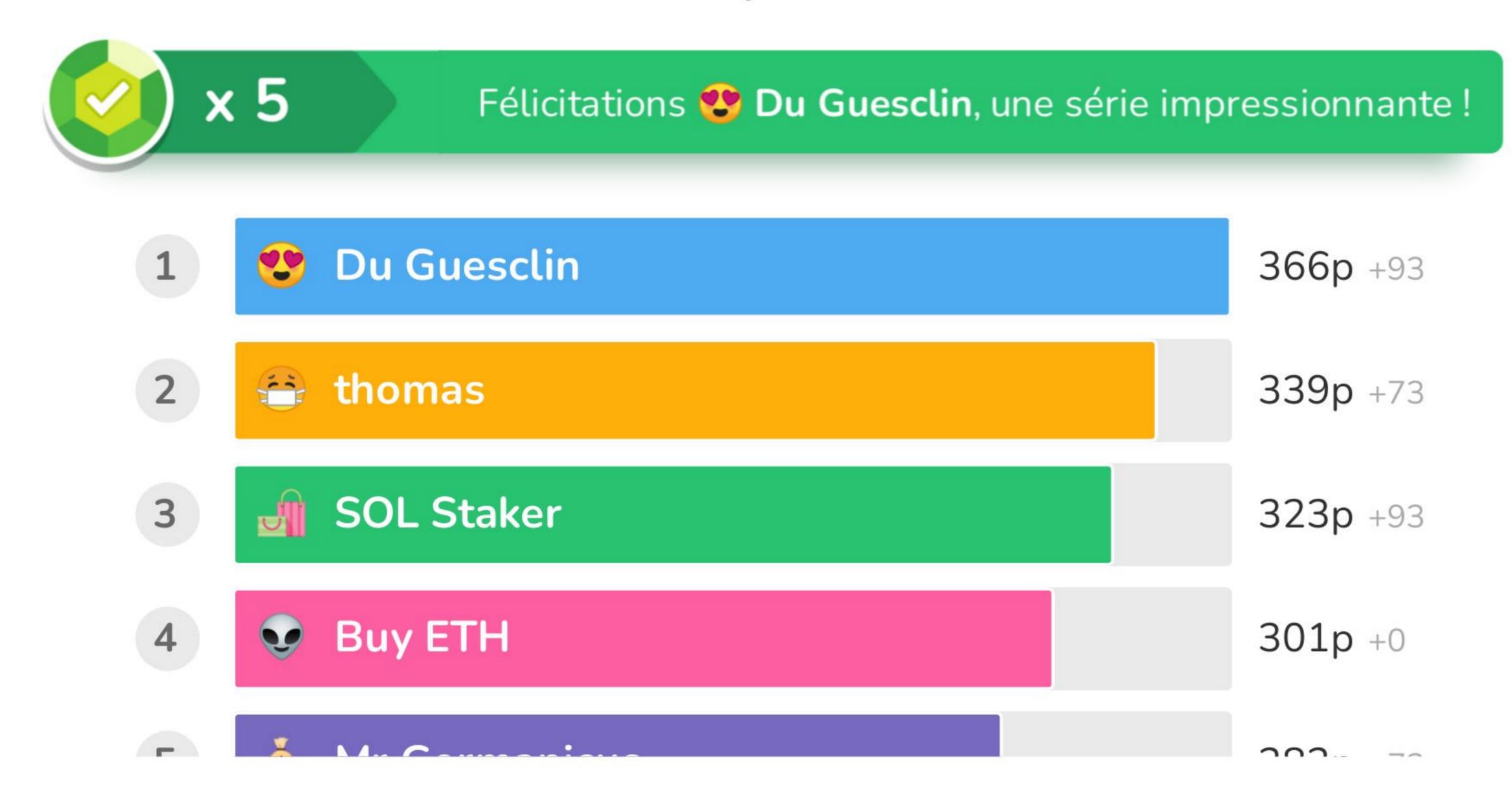
Alice owns no node/validator. Can she stake?









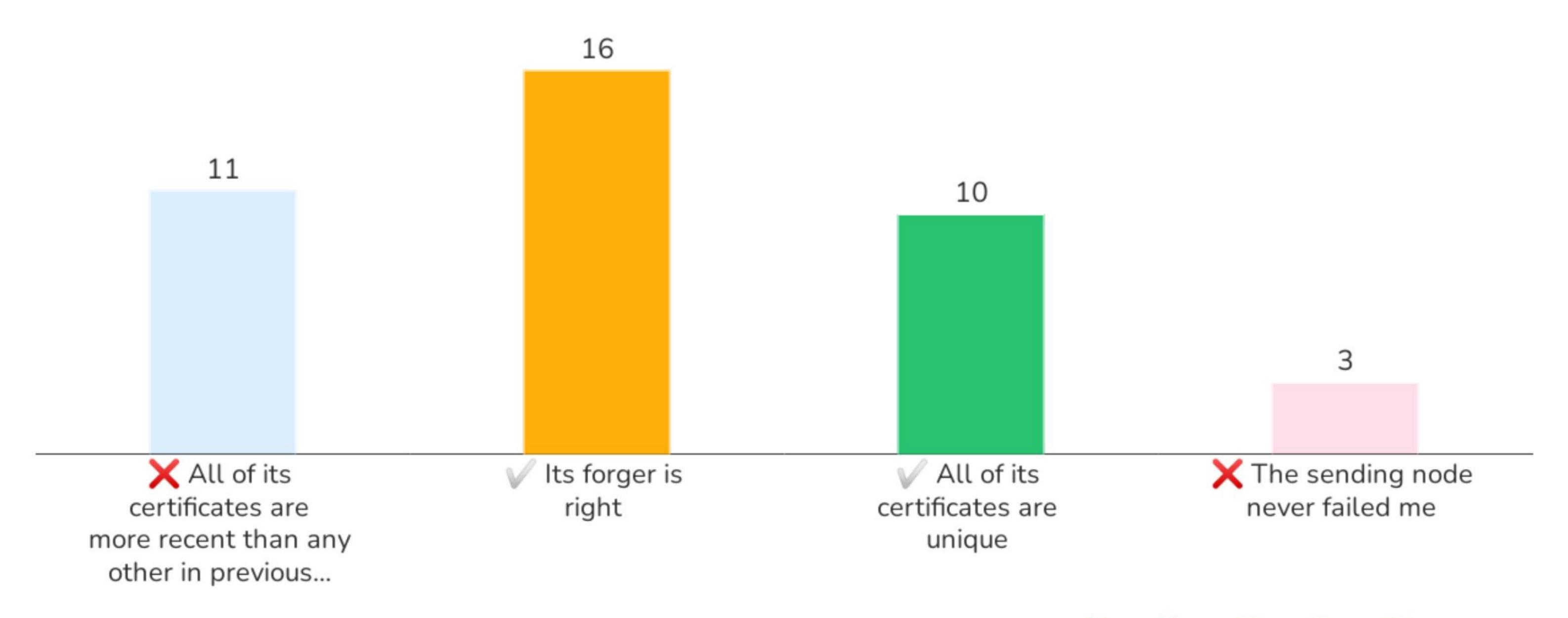








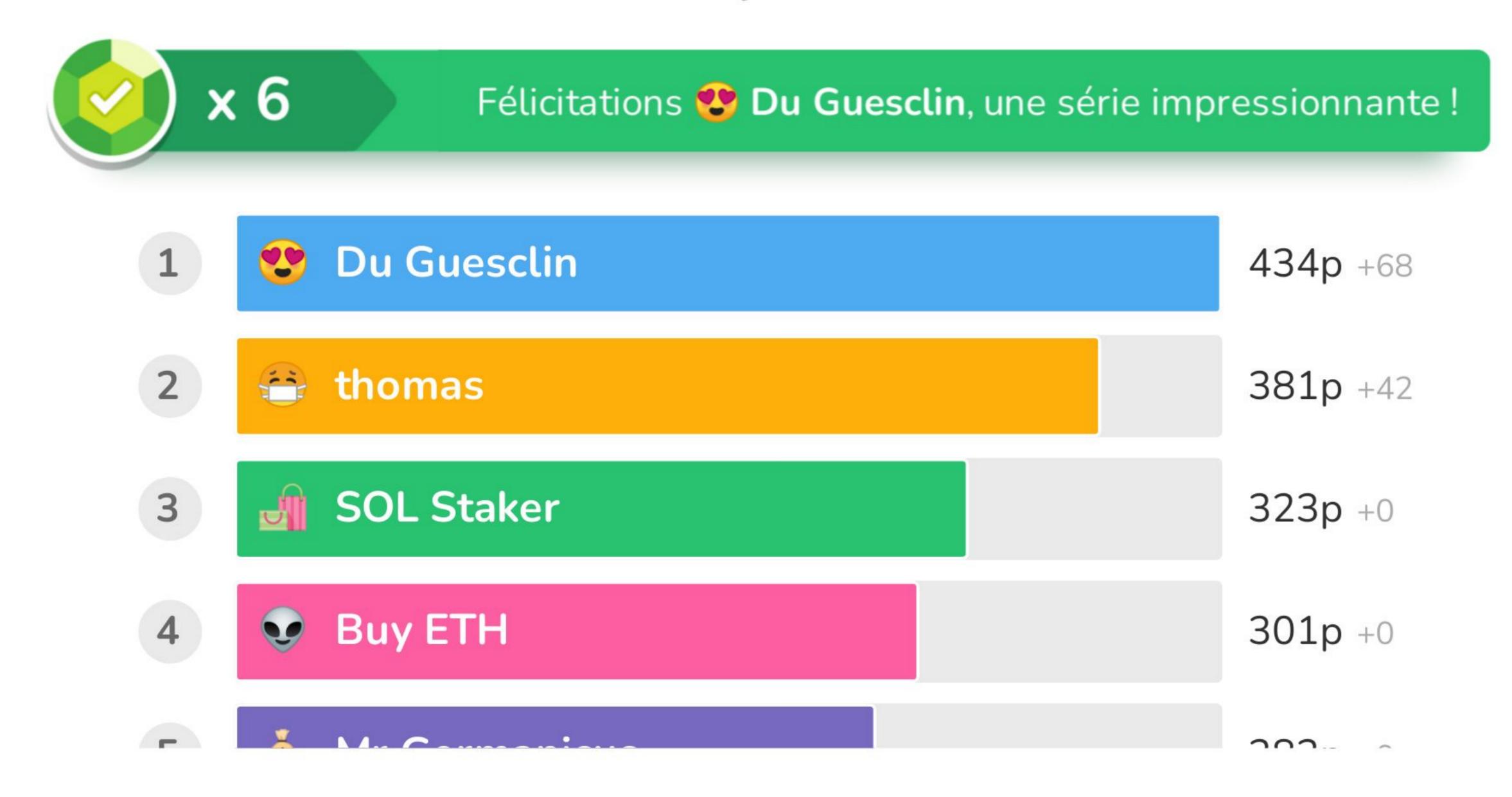
Among the following tests, which are mandatory for validating a block sent by another node?







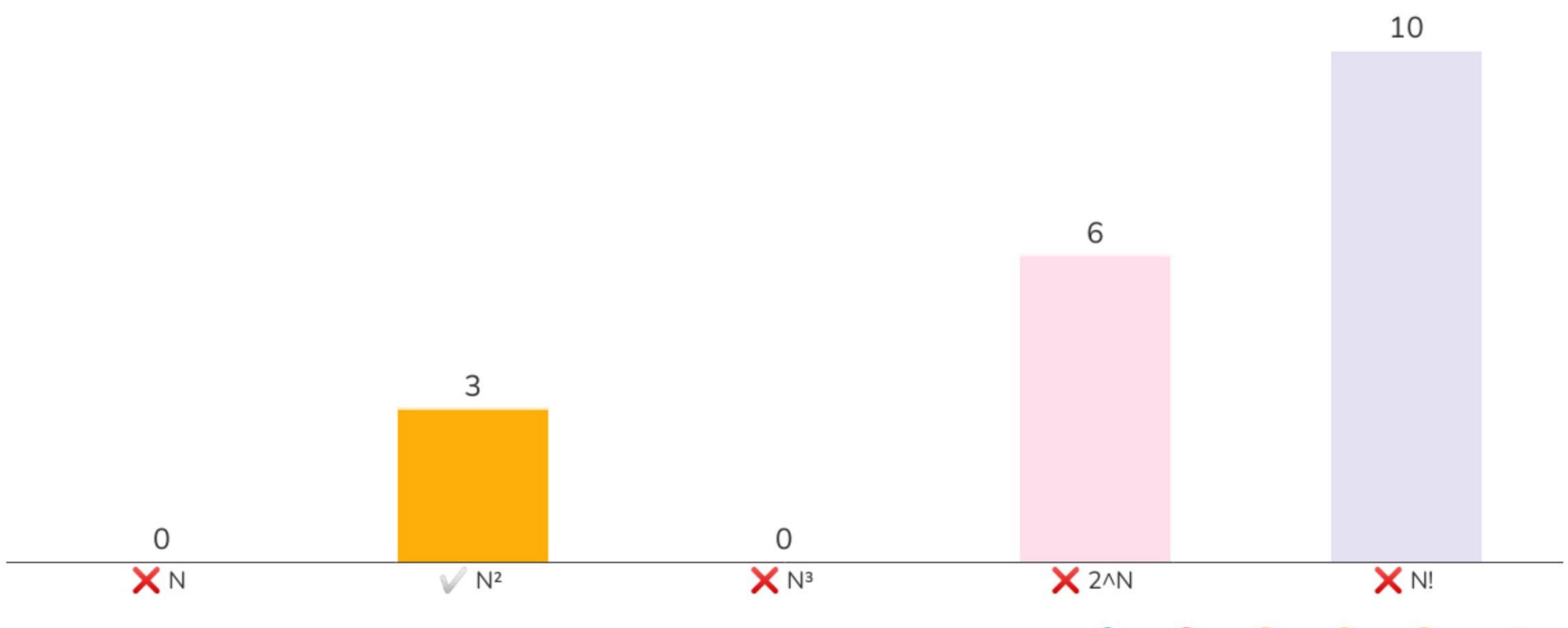




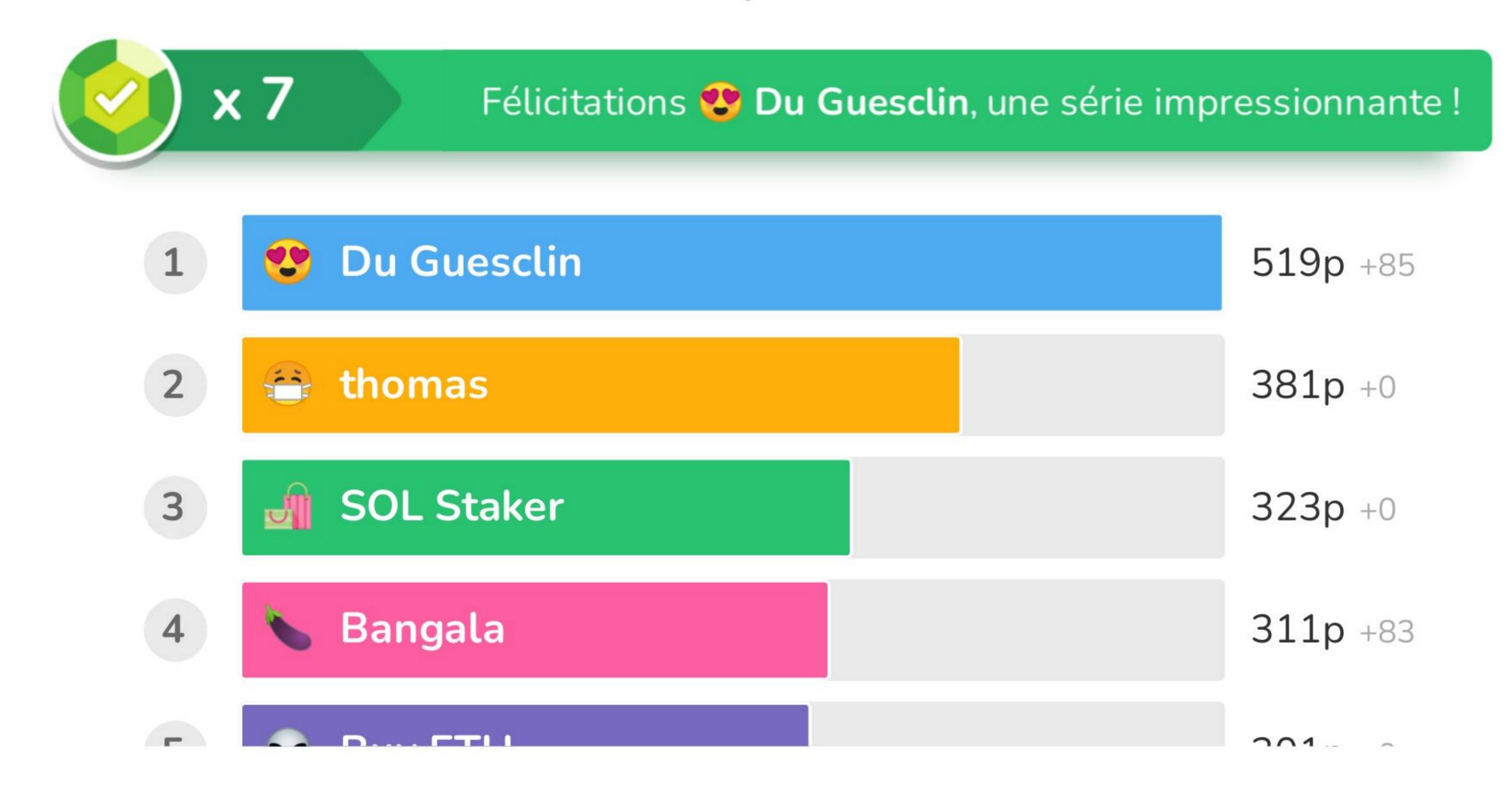




In a fully decentralized network, where all machines are connected to all other machines, which mathematical function describes the growth of the amount of connections in total?



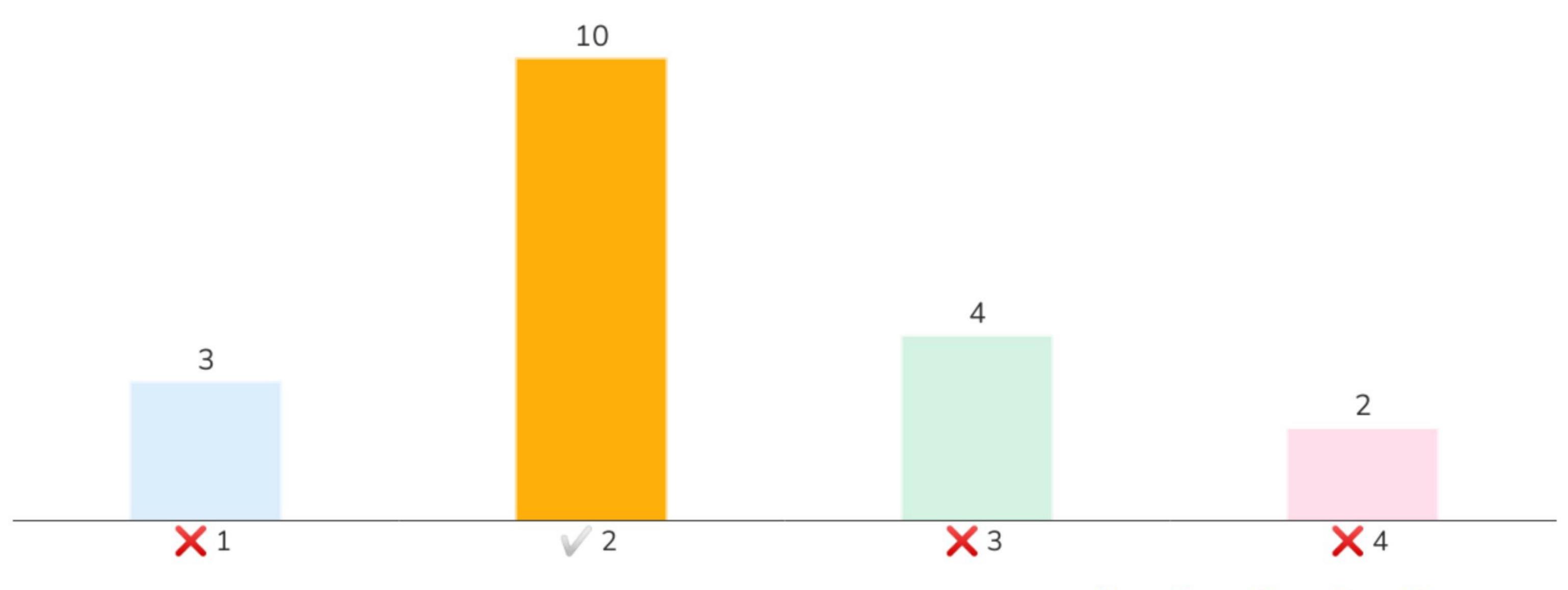






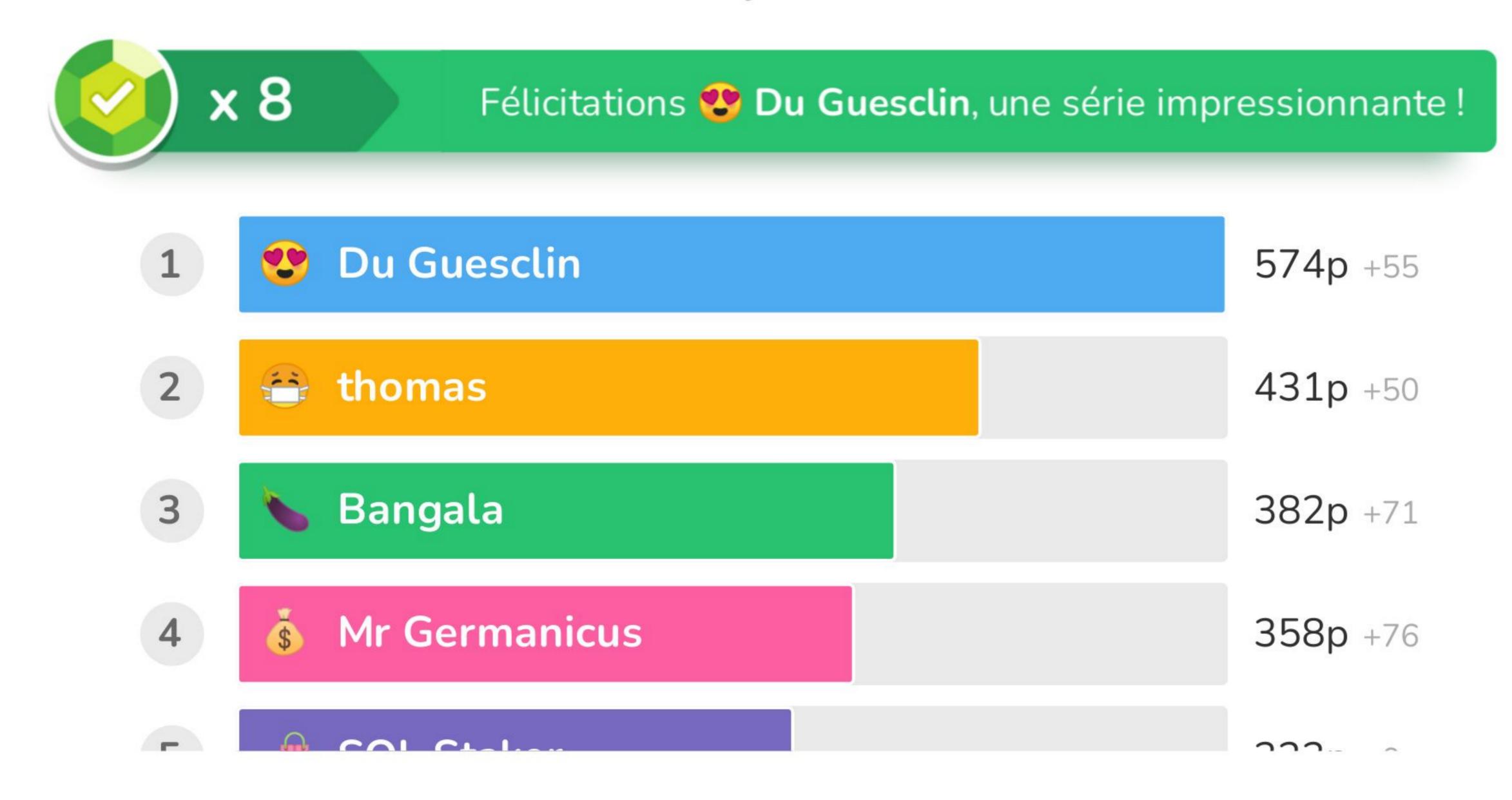


In the following network, every connection works and needs 1 second to send data. Alice inputs a certificate on node 1. How much time passes before Alice can be sure it is going to be in the next block?





22 joueurs



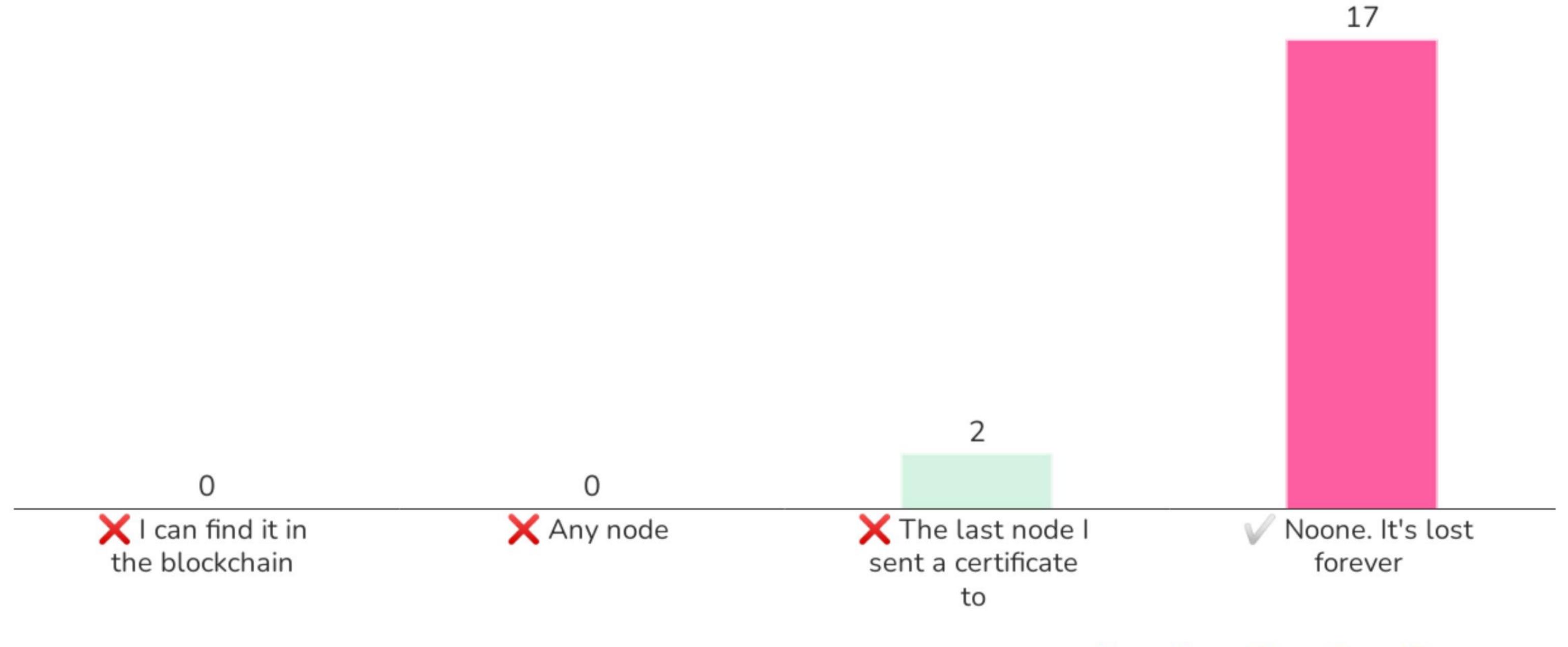




1 74 0 80 \(\colon \operation 69 \(\colon \operation 100\)



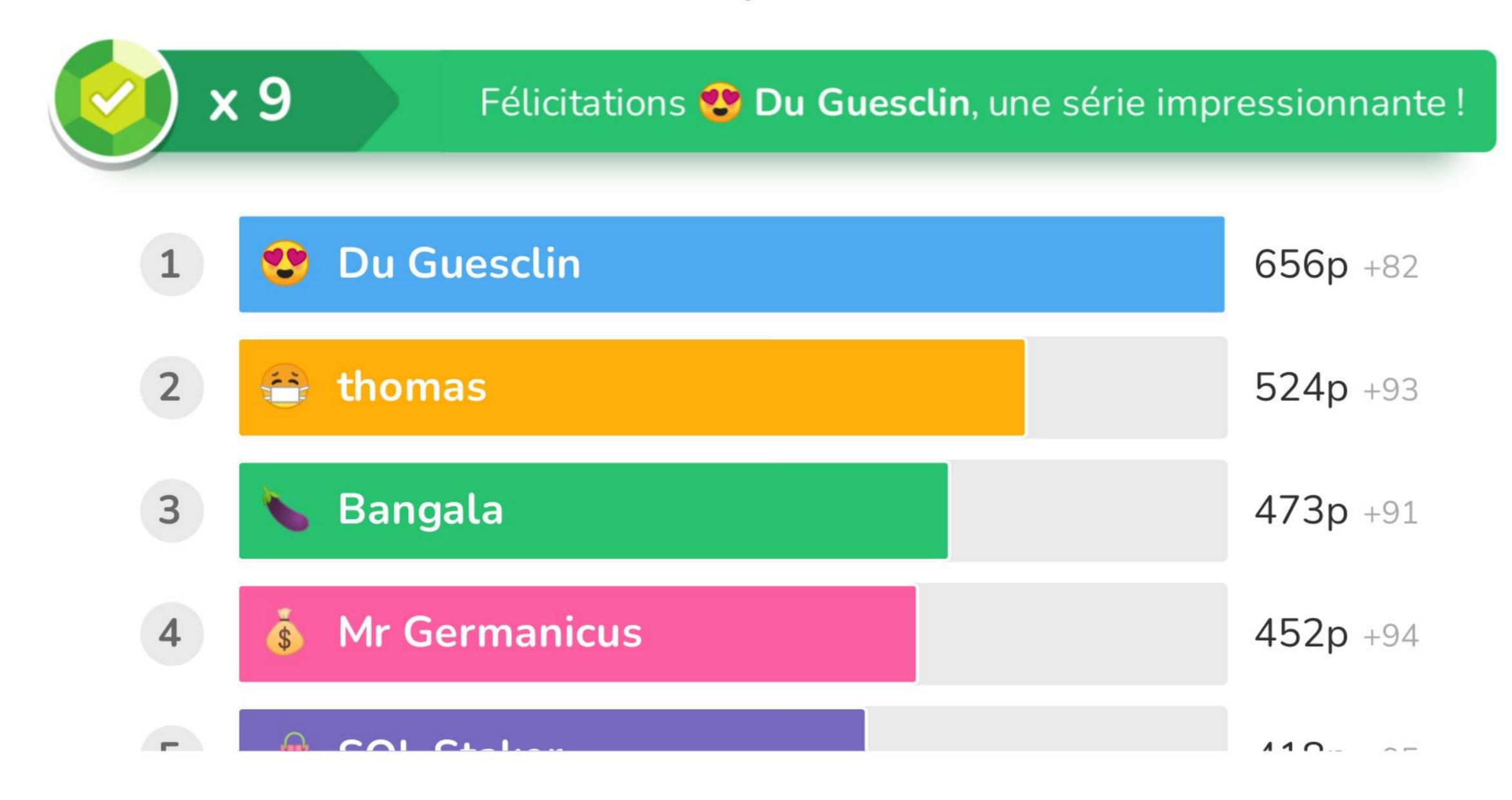
I lost my private key. Who can give it back to me?







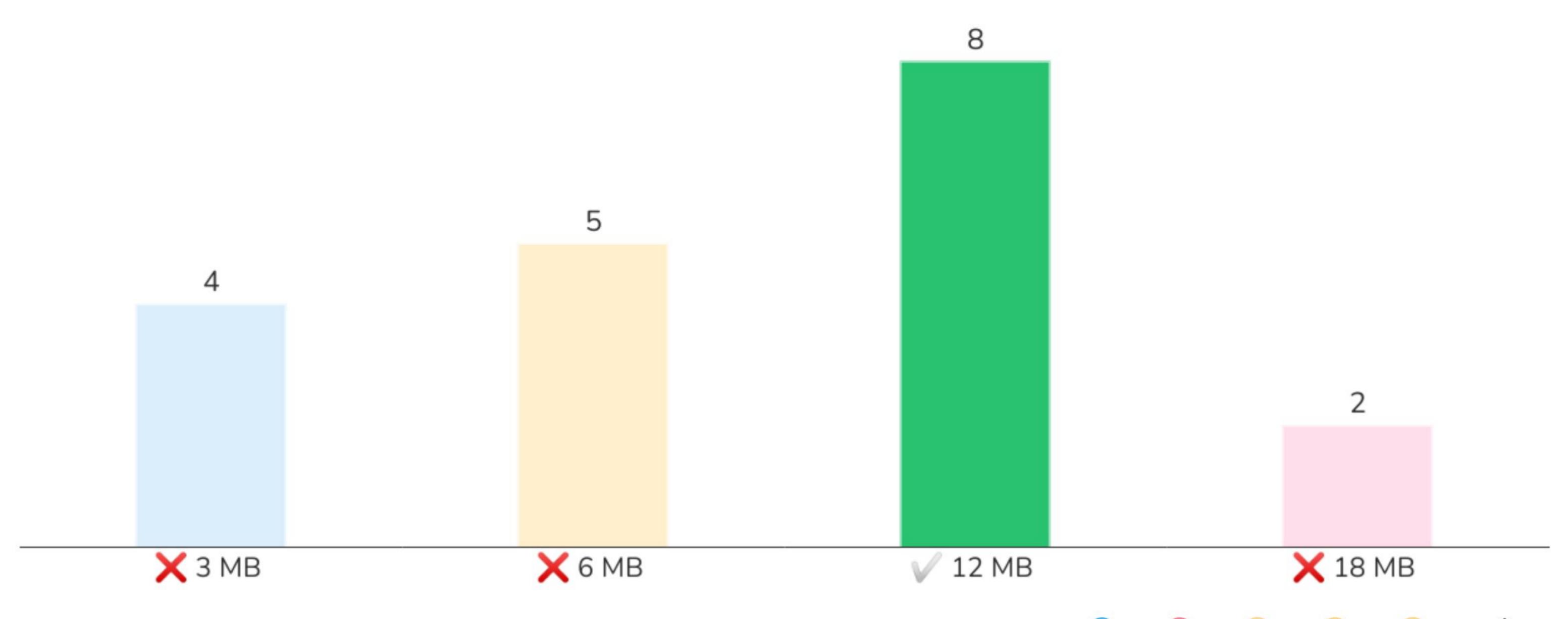








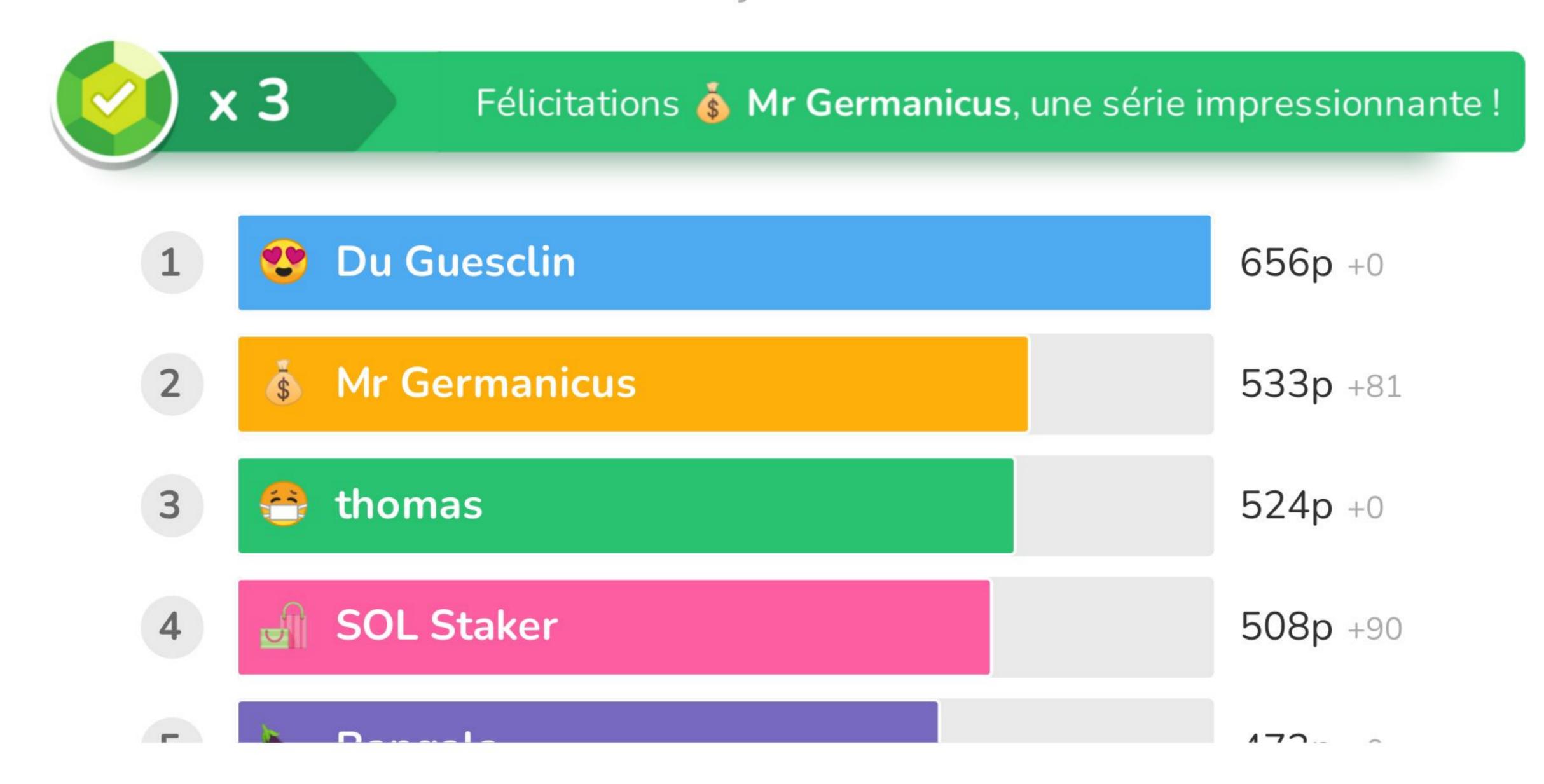
In a 4 nodes network, each directly connected to all other, we forge a 1 MB block. What amount of data in total will transit on the network?





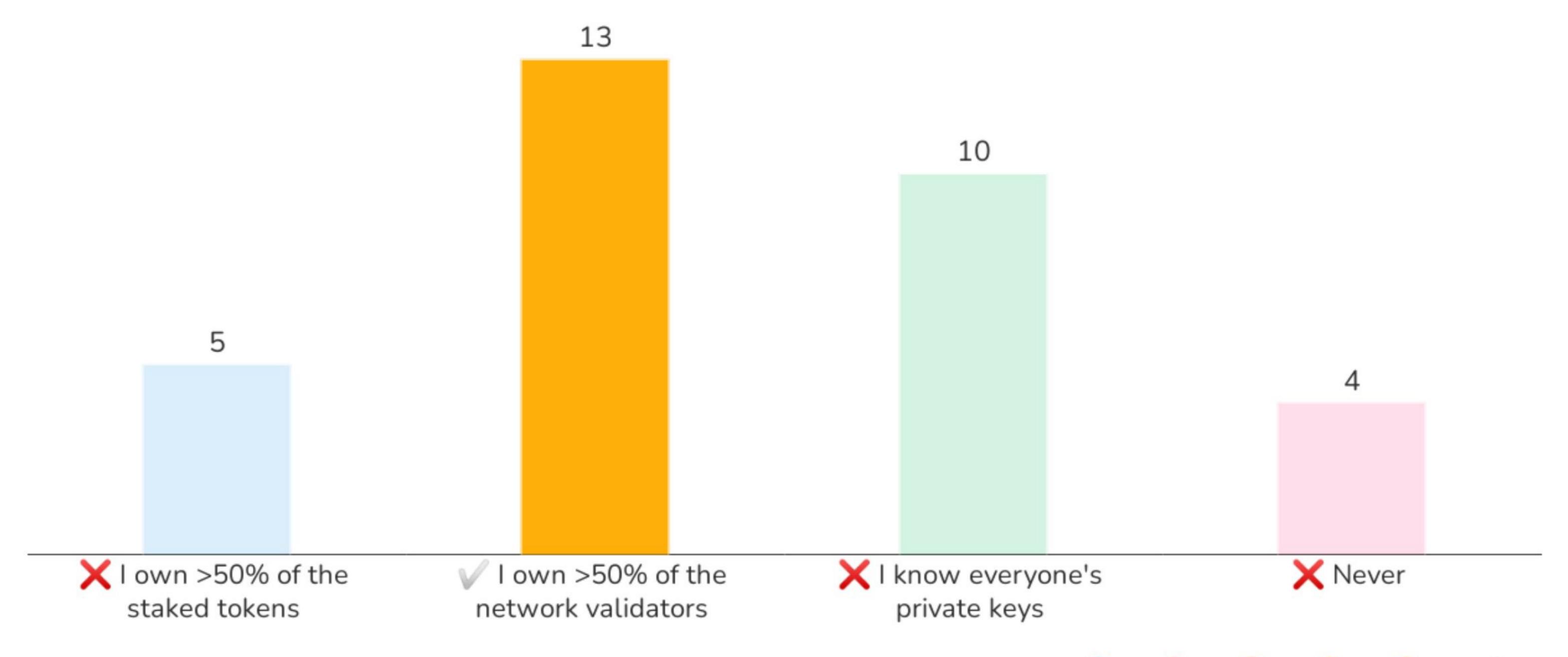








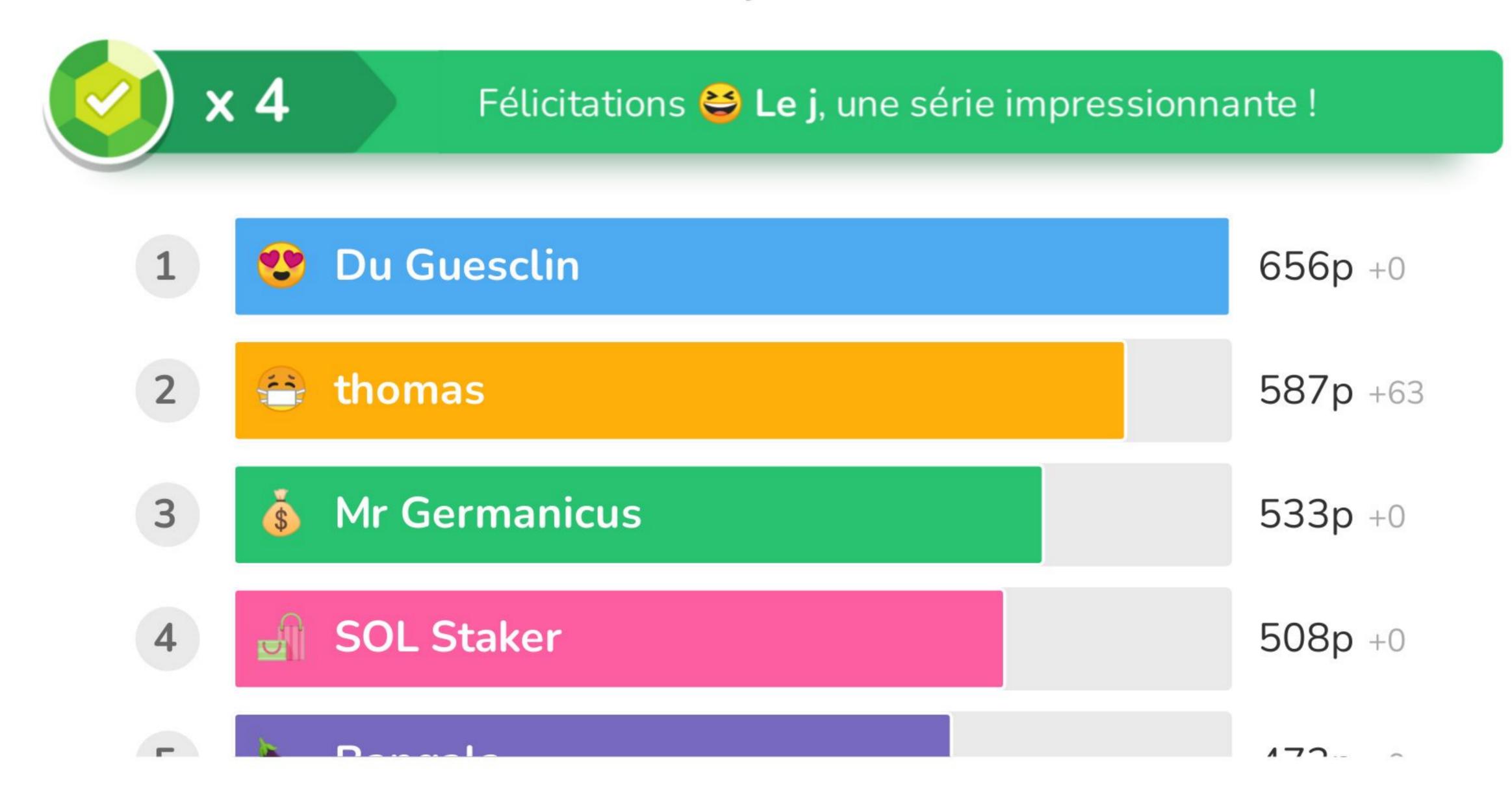
In which situation can I add an illegal certificate to the blockchain?

















Can I cancel a certificate?

