AhaSlides

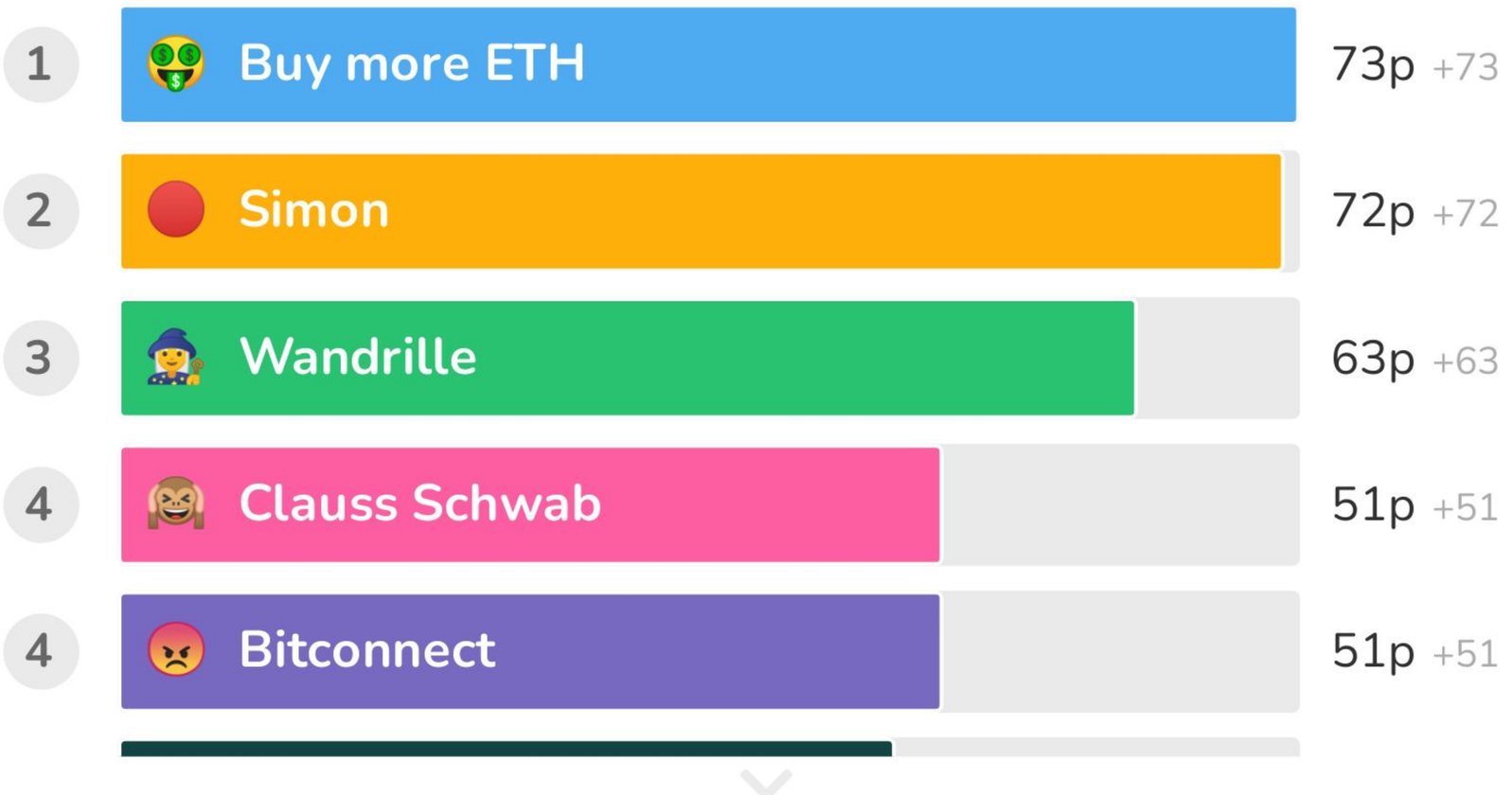
The blockchain police shows me a certificate with my name on it, my signature and some data, because they suspect a fraud. What information can I provide them to show that it is legit ?

101 826 116 190 4,6k 27

AhaSlides

Leaderboard

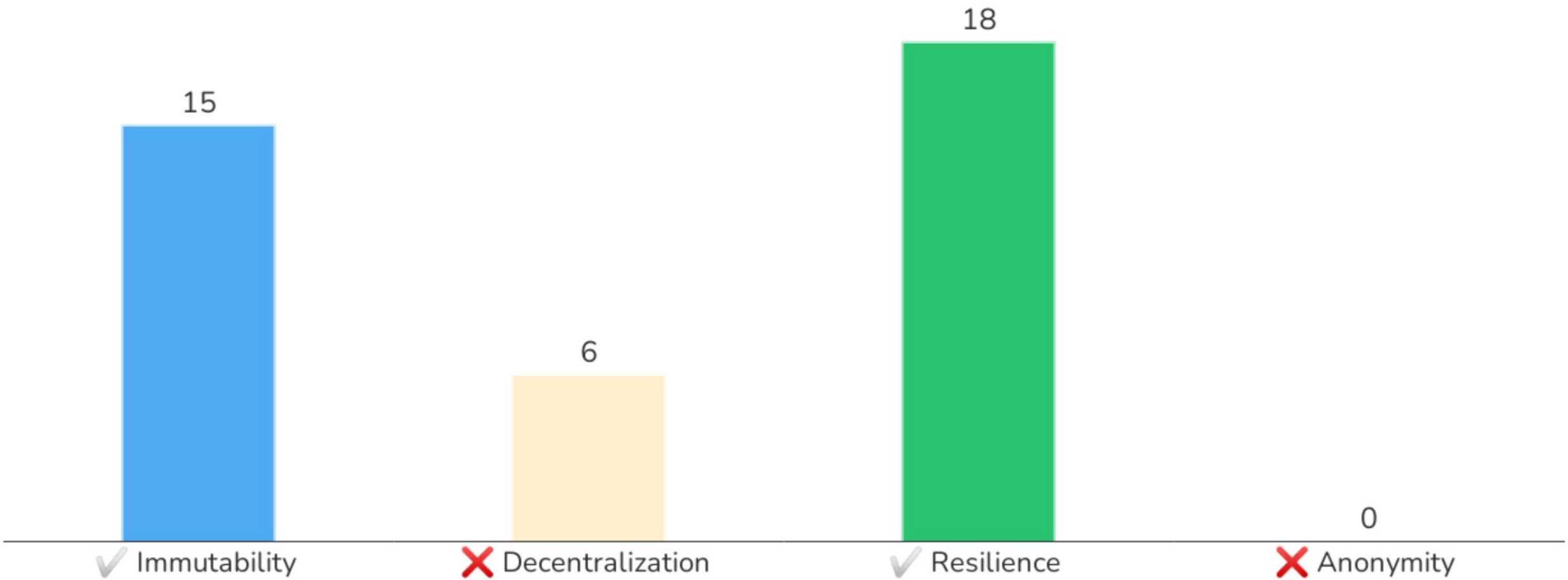
30 joueurs



101 826 116 190 4,6k

AhaSlides

If anyone can add blocks to the blockchain, which of these properties becomes invalid ?



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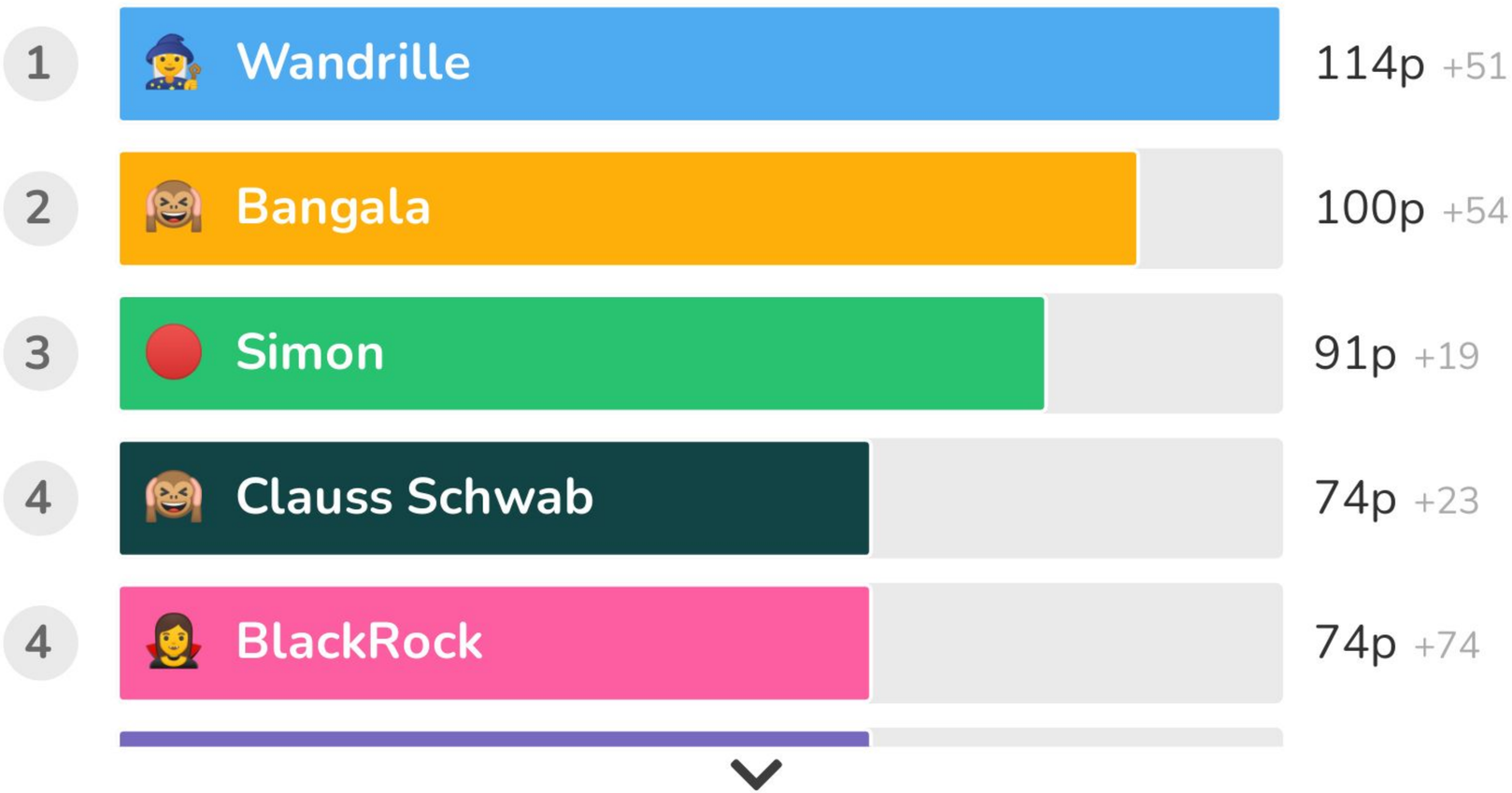
AhaSlides

Leaderboard

31 joueurs



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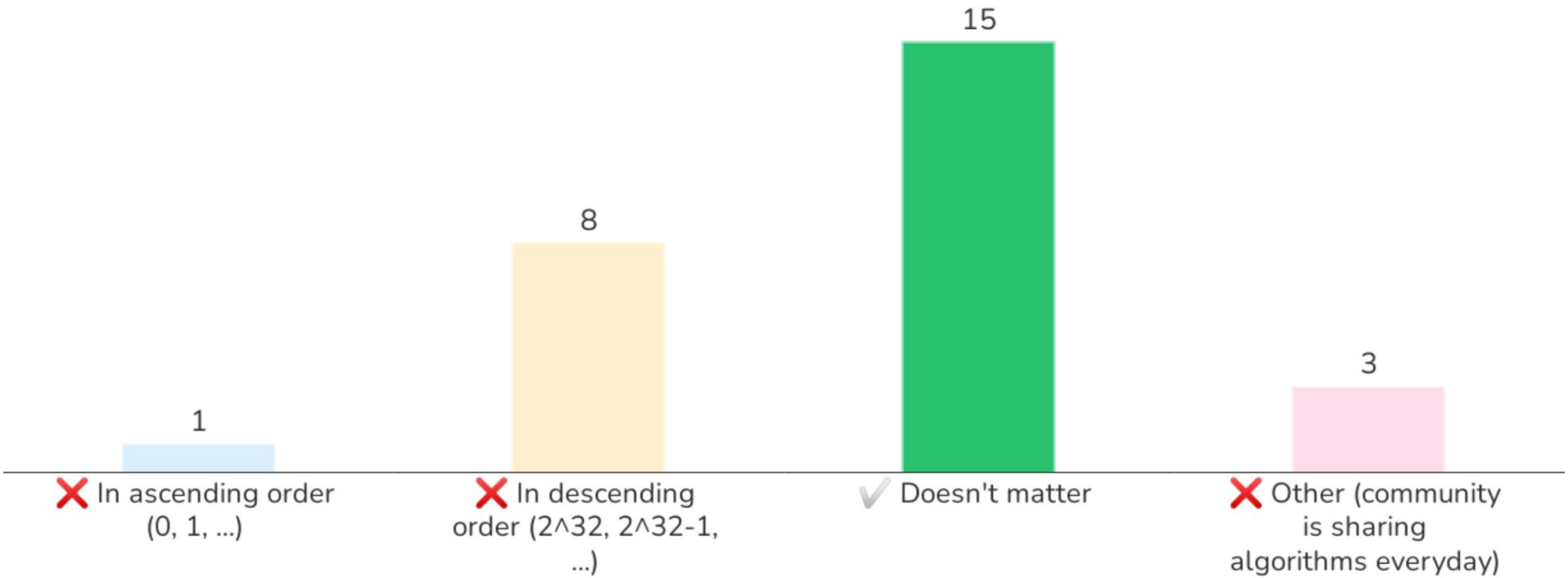
AhaSlides

I am mining bitcoin. In what order do I need to try nonces to maximize my chances ?



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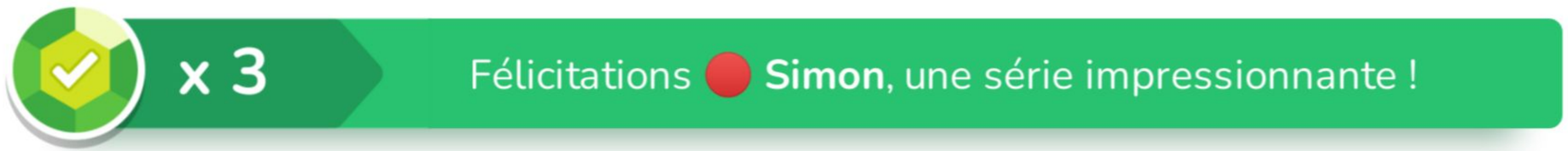
AhaSlides

Leaderboard

31 joueurs

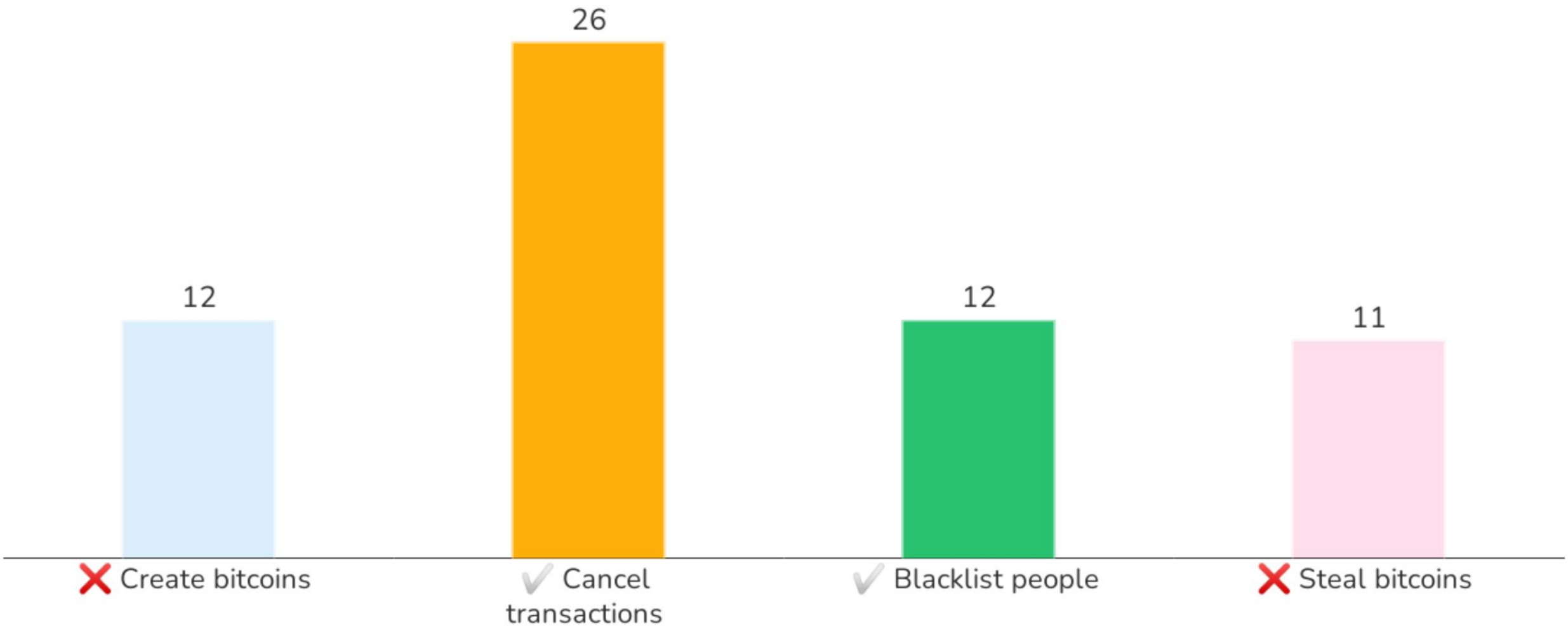
x 3 Félicitations 🔴 **Simon**, une série impressionnante !



1	🔴 Simon	180p +89
2	🧑‍🎓 Wandrille	179p +65
3	🤑 Buy more ETH	161p +88
4	🤦‍♂️ Lucas	149p +82
5	🔴 Bitcoinpost	144p [illegible]

101 826 116 190 4,6k

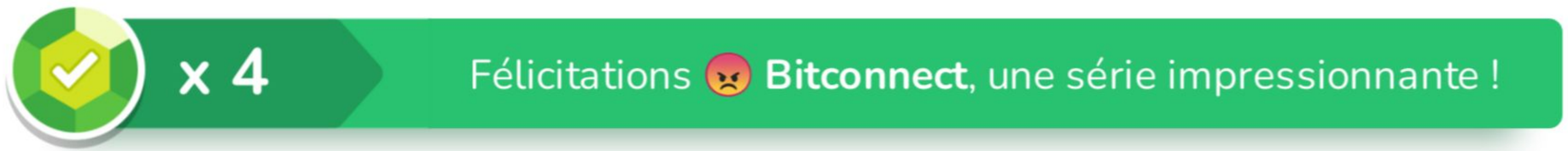
Using a 51% attack, what can the attacker do ?



101 826 116 190 4,6k 27

Leaderboard

31 joueurs

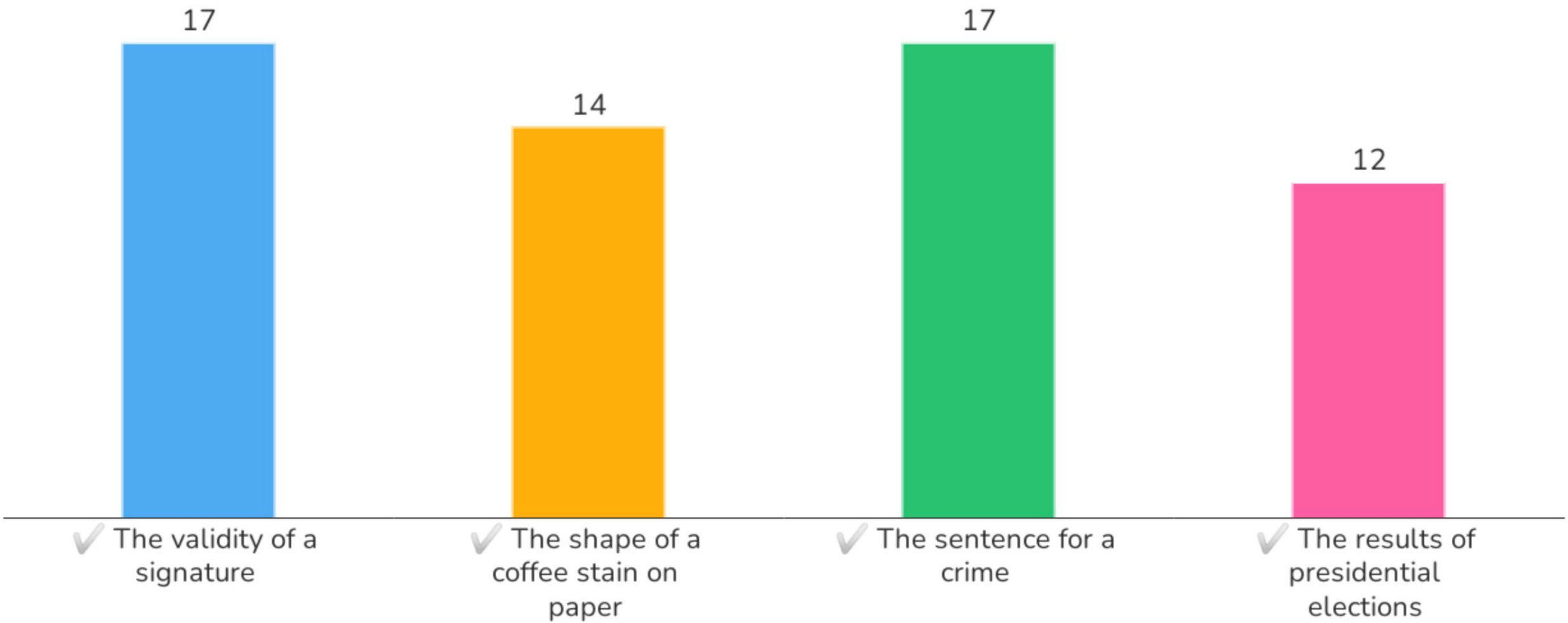


1	🤑 Buy more ETH	244p +83
2	👨 Lucas	231p +82
3	😡 Bitconnect	204p +60
4	🔴 Simon	180p +0
5	🧢 Wandrille	170p +0

101 826 116 190 4,6k

AhaSlides

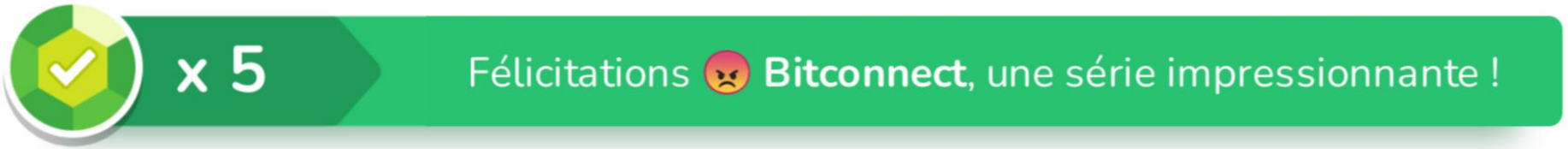
Which of the following concepts are deterministic ?



101 826 116 190 4,6k 24

Leaderboard

32 joueurs

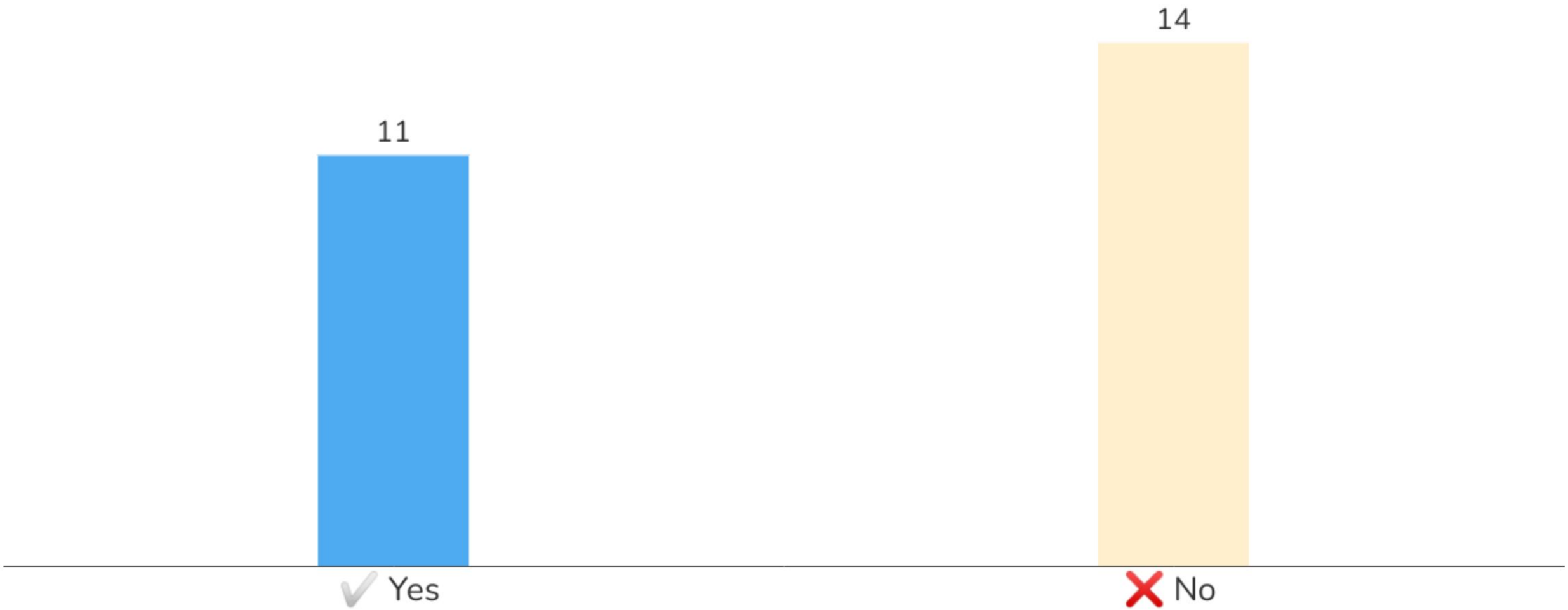


1	Buy more ETH	262p +18
2	Wandrille	247p +68
3	Lucas	246p +15
3	Bitconnect	246p +42
5	Simon	230p -50

101 826 116 190 4,6k

AhaSlides

"The forger is always Alice" is a consensus algorithm



Leaderboard

32 joueurs

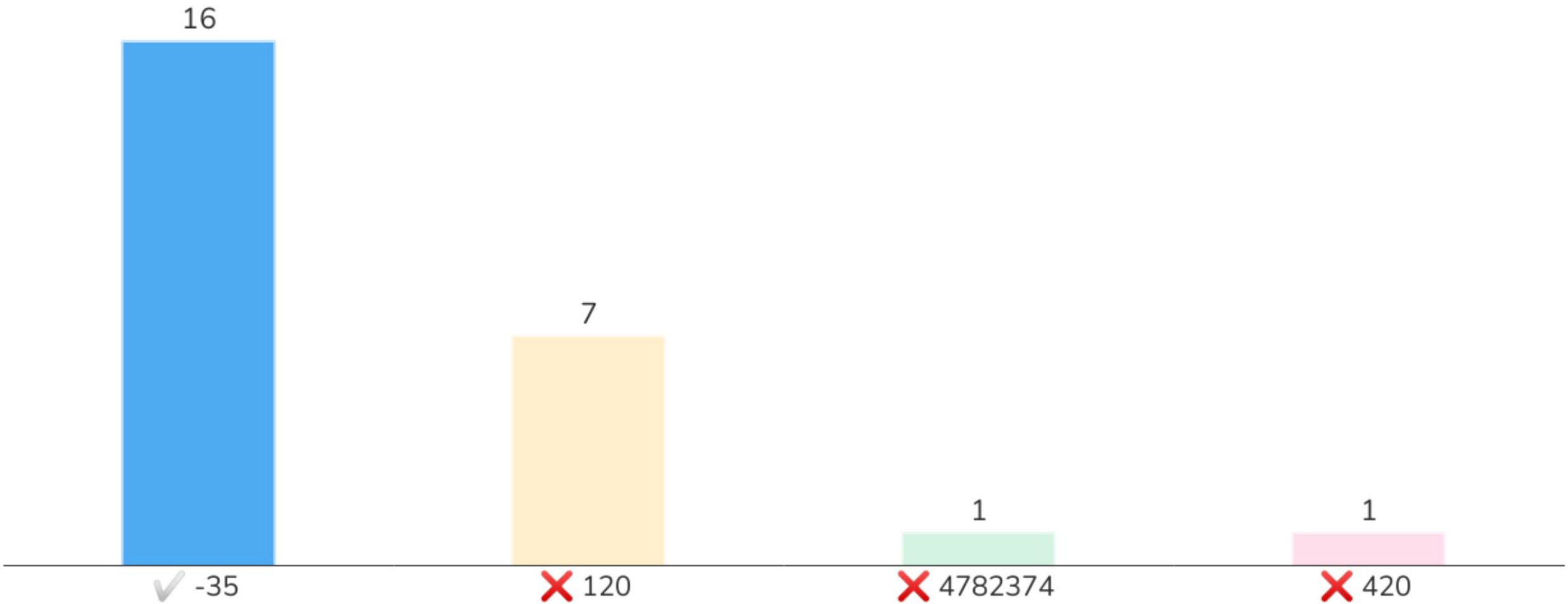
x 6 Félicitations 😡 **Bitconnect**, une série impressionnante !

1	😡 Bitconnect	340p +94
2	🤑 Buy more ETH	339p +77
3	🔴 Simon	324p +94
4	🦹 Wandrille	247p +0
5	🤠 Lucas	246p +0

101 826 116 190 4,6k

AhaSlides

The hash of latest block is 42. Which of those 4 tickets (whose hash is given) is the big winner of Proof-of-Stake ?



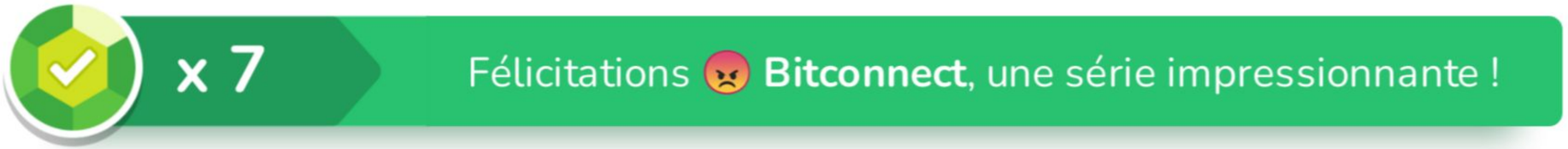
101 826 116 190 4,6k 25

AhaSlides

Leaderboard

32 joueurs

x 7 Félicitations 😡 **Bitconnect**, une série impressionnante !

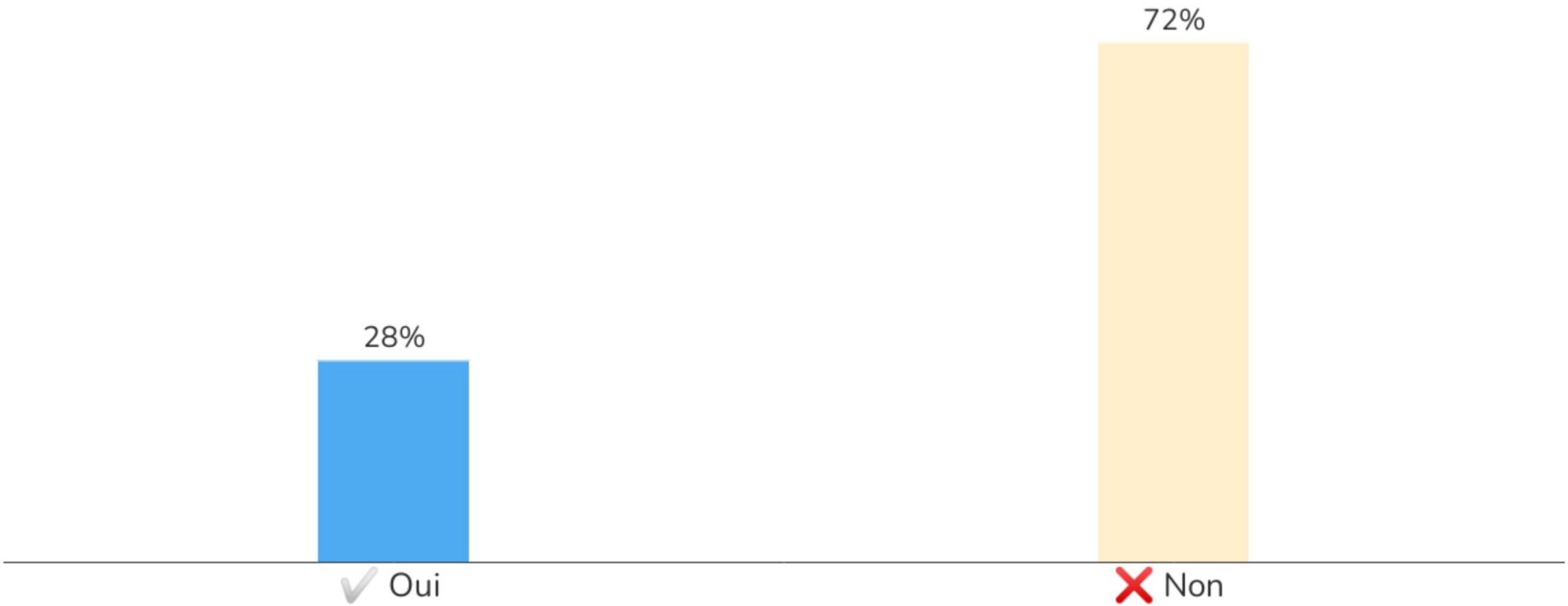


1	😡 Bitconnect	426p	+86
2	🤑 Buy more ETH	424p	+85
3	🔴 Simon	408p	+84
4	🤦‍♂️ Lucas	336p	+90
5	[illegible]	[illegible]	[illegible]

101 826 116 190 4,6k

AhaSlides

In Proof-of-Stake (PoS) can I at any point know how many tokens I should have staked to be guaranteed to be the next forger ?



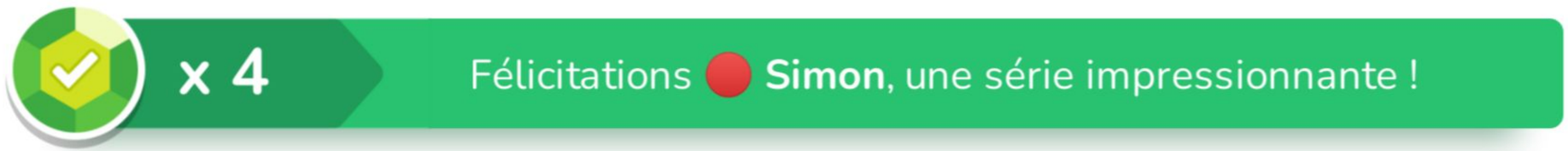
101 826 116 190 4,6k 25

AhaSlides

Leaderboard

32 joueurs

x 4 Félicitations 🔴 **Simon**, une série impressionnante !

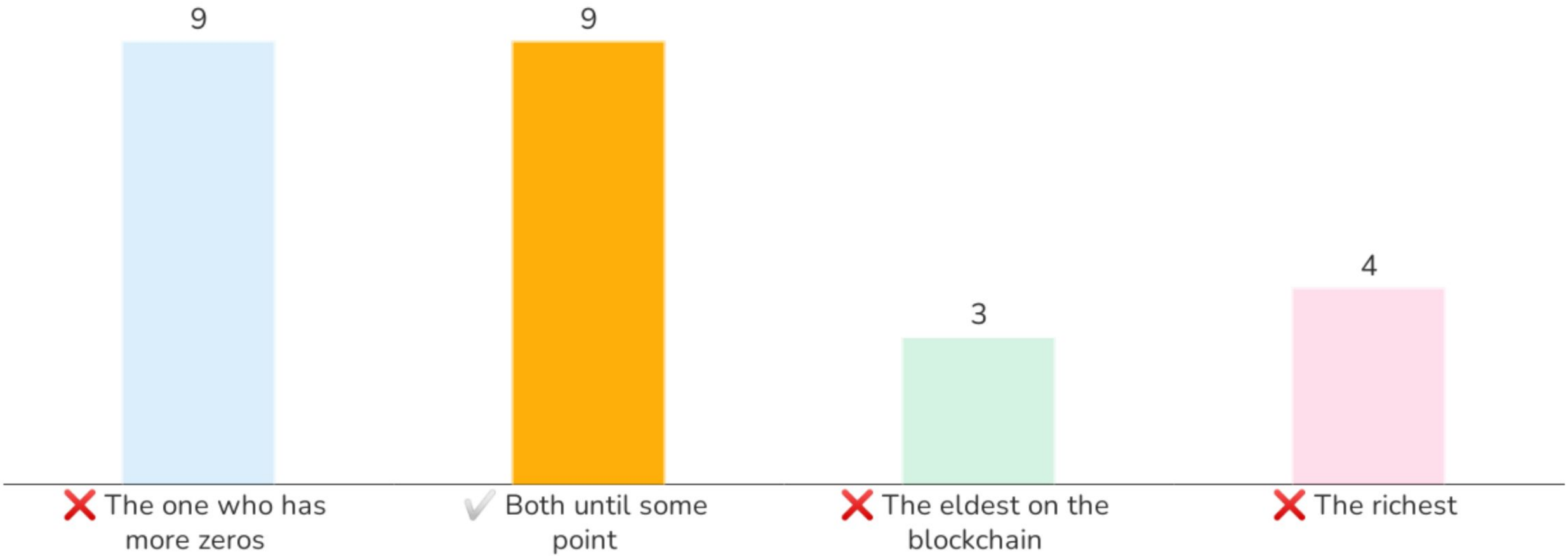


1	🔴 Simon	501p +93
2	👨‍🦲 Lucas	433p +97
3	😡 Bitconnect	426p +0
4	🤑 Buy more ETH	424p +0
5	🙊 Bengale	[illegible]

101 826 116 190 4,6k

AhaSlides

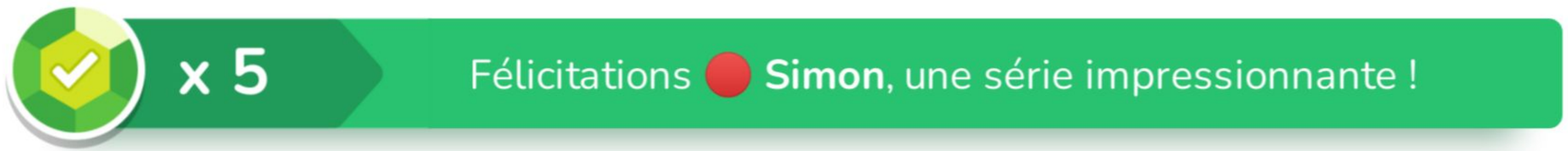
Delphine and Bob find at the same time a valid nonce for next block. Who wins ?



101 826 116 190 4,6k 25

Leaderboard

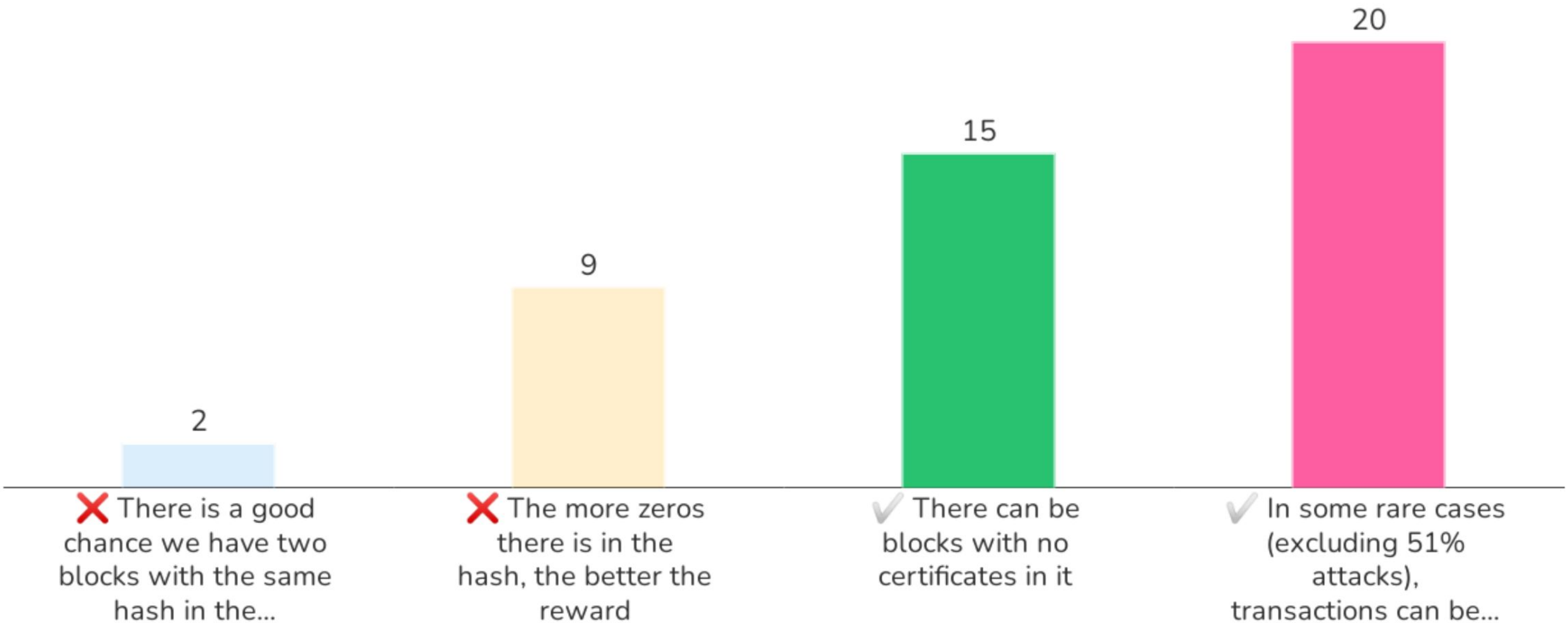
32 joueurs



1	🔴 Simon	573p +72
2	🙉 Bangala	501p +78
3	🤦‍♂️ Lucas	433p +0
4	😡 Bitconnect	426p +0
5	🤑 Ruuuu

AhaSlides

In a PoW (Proof-of-Work) blockchain, which is true ?

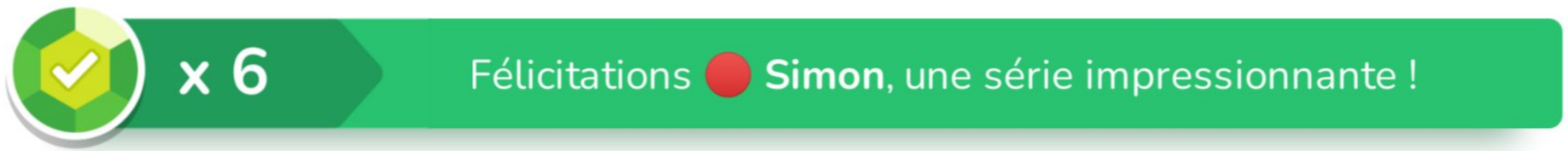


101 826 116 190 4,6k 25

AhaSlides

Leaderboard

32 joueurs

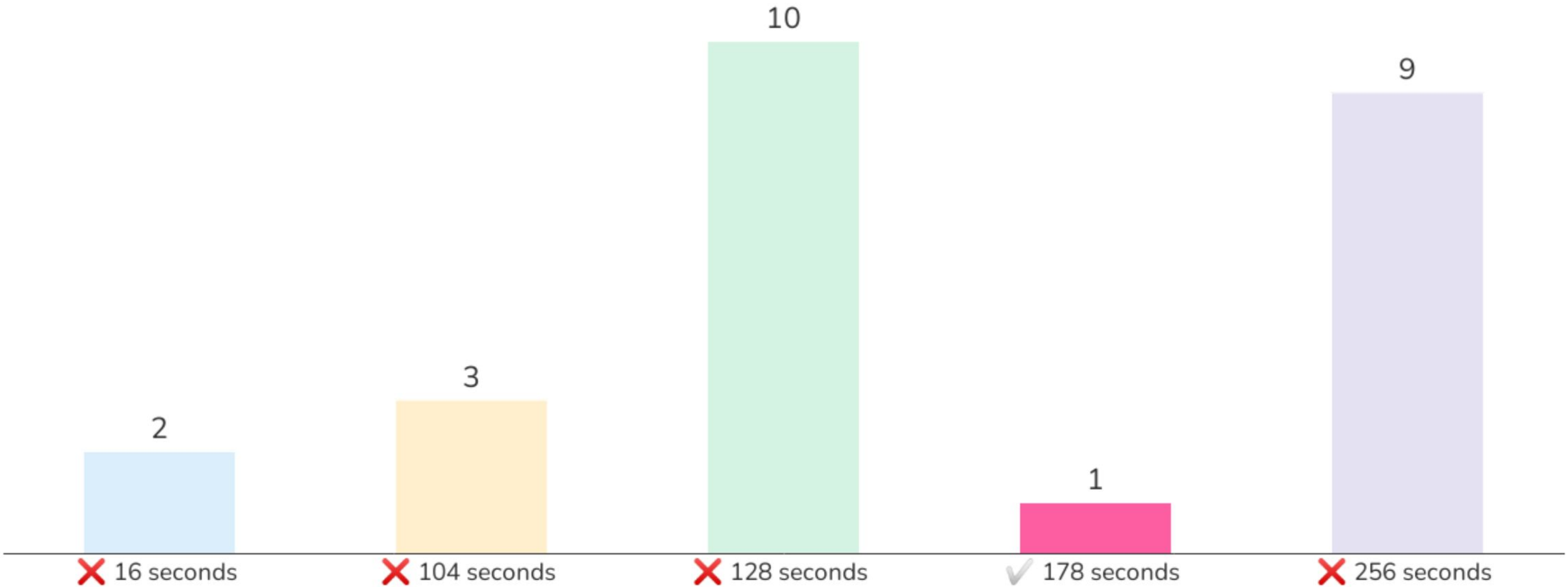


1	🔴 Simon	595p +22
2	🙉 Bangala	540p +39
3	🤑 Buy more ETH	459p +35
4	🙉 Clauss Schwab	442p +50
5	😈 Lucas	433p +3

101 826 116 190 4,6k

AhaSlides

Calculating the hash of a block requires 1 second. If the current PoW difficulty is 2 zeros, how much time in average is needed to forge a block ?

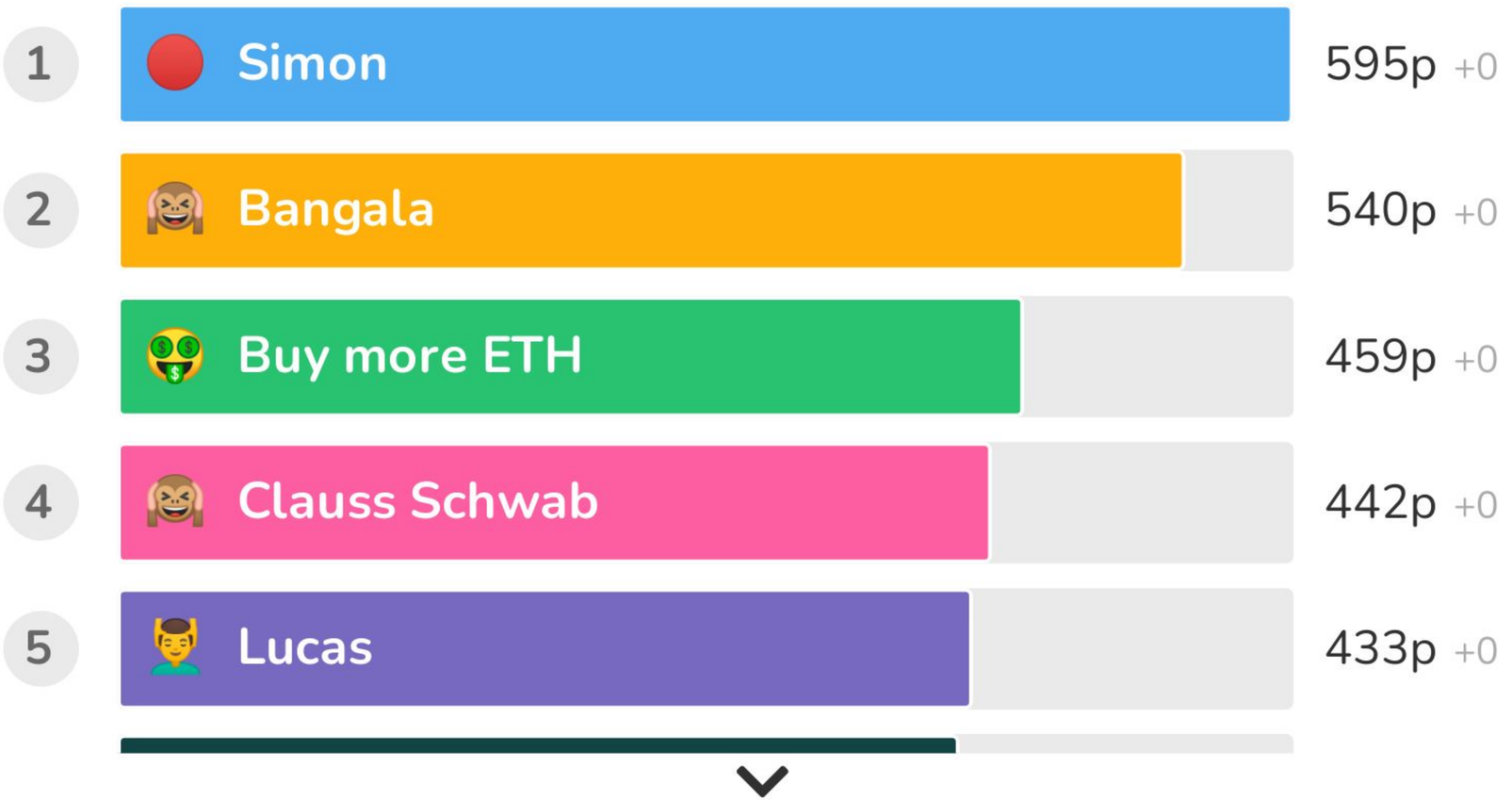


101 826 116 190 4,6k 25

AhaSlides

Leaderboard

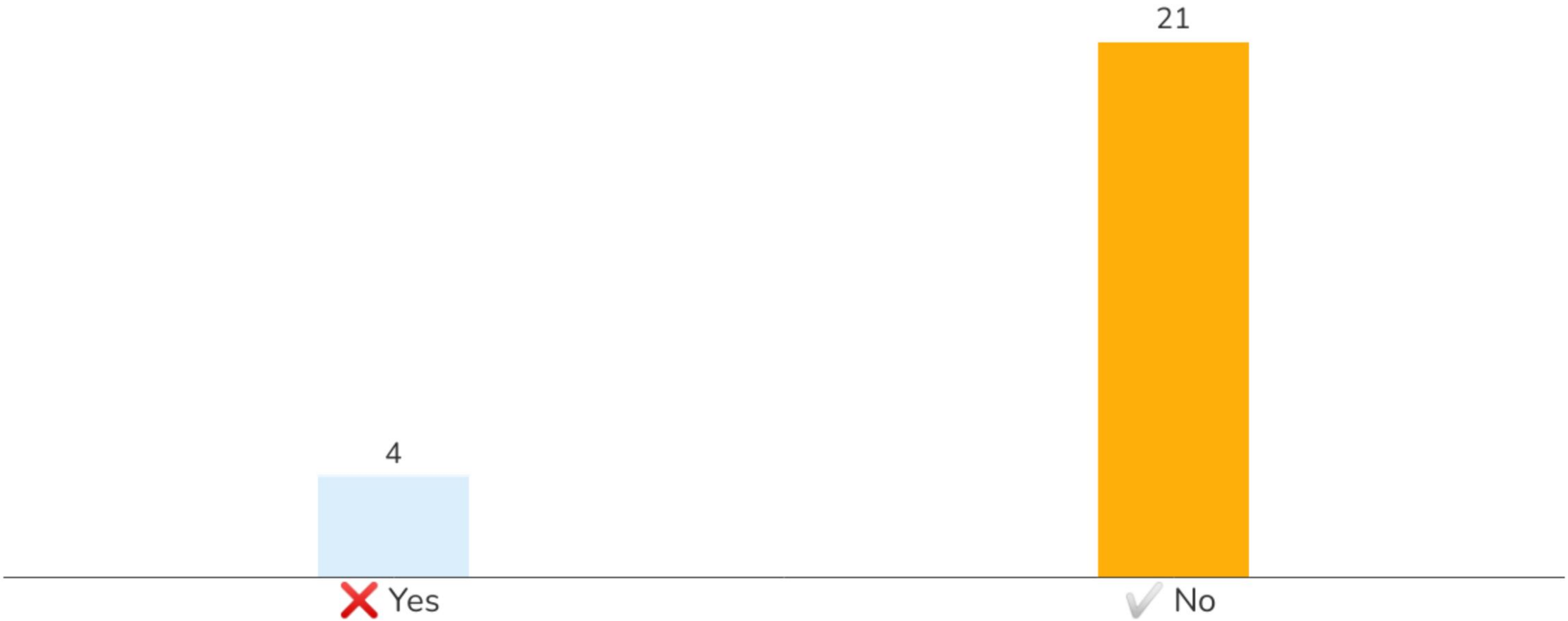
32 joueurs



101 826 116 190 4,6k

AhaSlides

Do people need to communicate to choose next forger ?



101 826 116 190 4,6k 25

AhaSlides

Leaderboard

32 joueurs

x 7

Bitconnect détient le record de la plus longue série !

Simon

693 points

1	Simon	693p +98
2	Bangala	638p +98
3	Buy mor	556p +97
4	Clauss Schwab	539p +97
5	Bitconnect	

101 826 116 190 4,6k