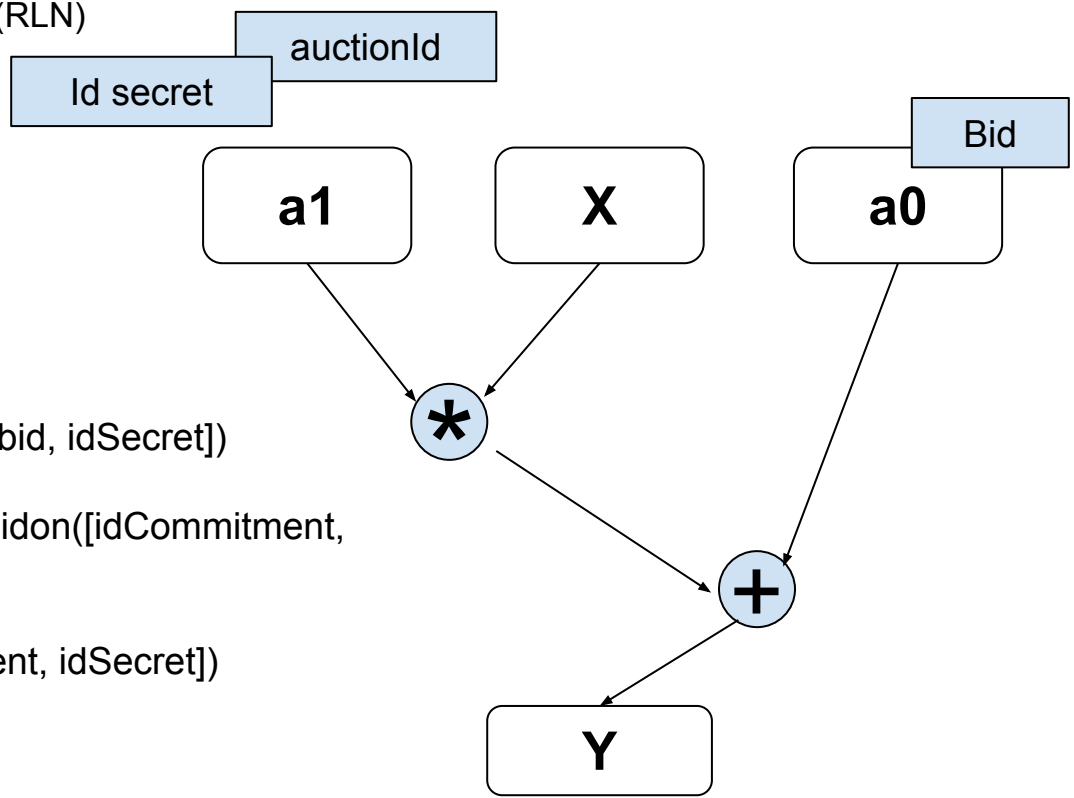
Shamir’s Secret Sharing

- Inspires by Rate Limit Nullifier (RLN)

y = a1*x +a0

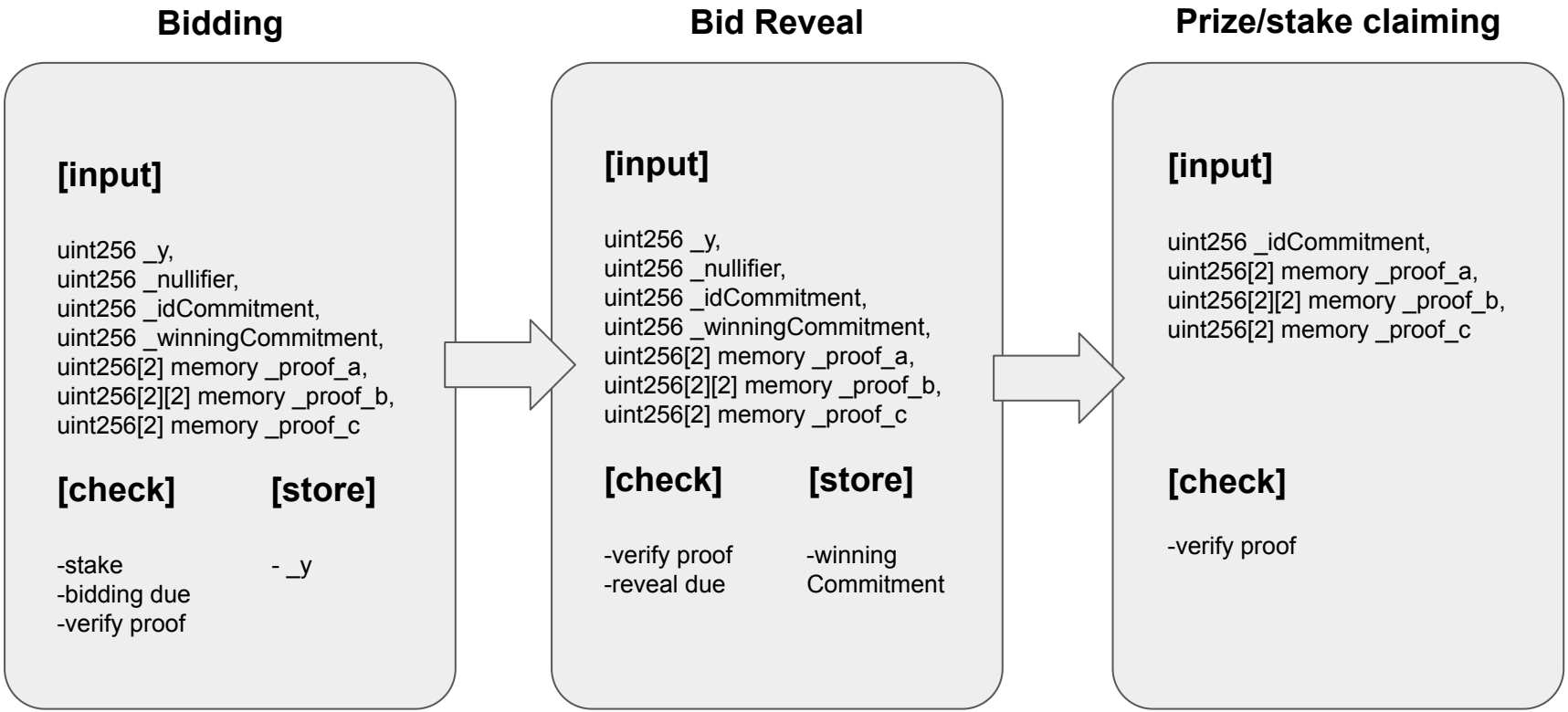


idCommitment = poseidon([bid, idSecret])

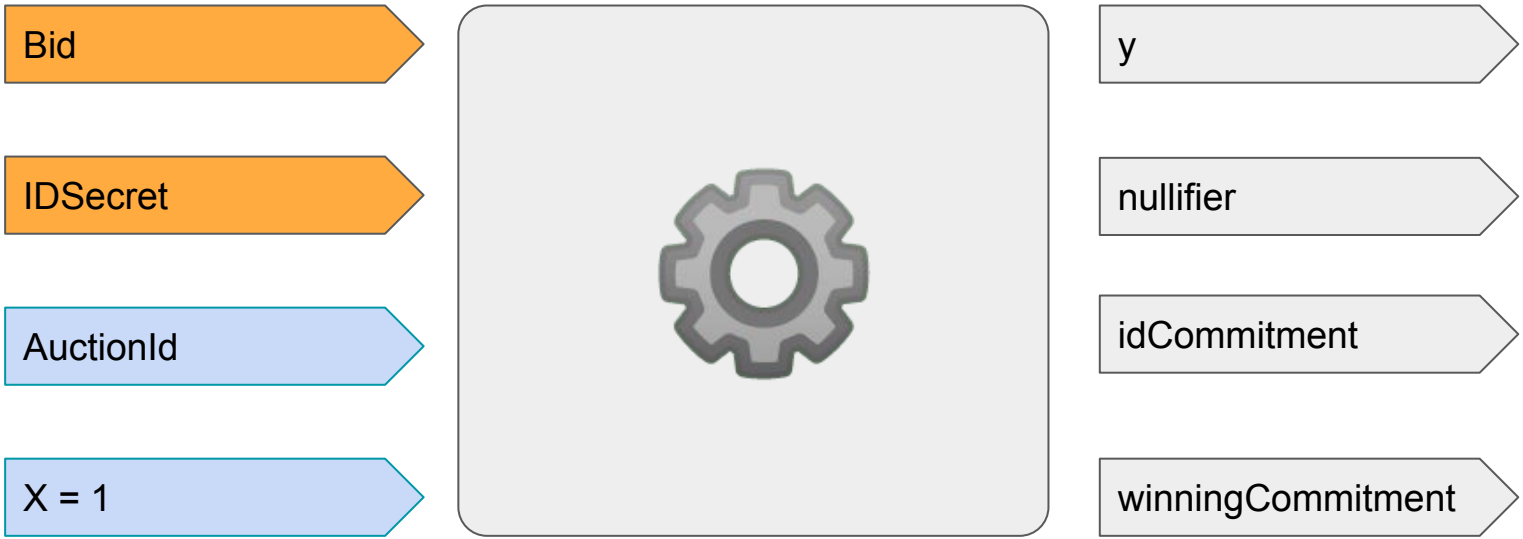
winningCommitment = poseidon([idCommitment, idSecret])

a1 = poseidon([idCommitment, idSecret])

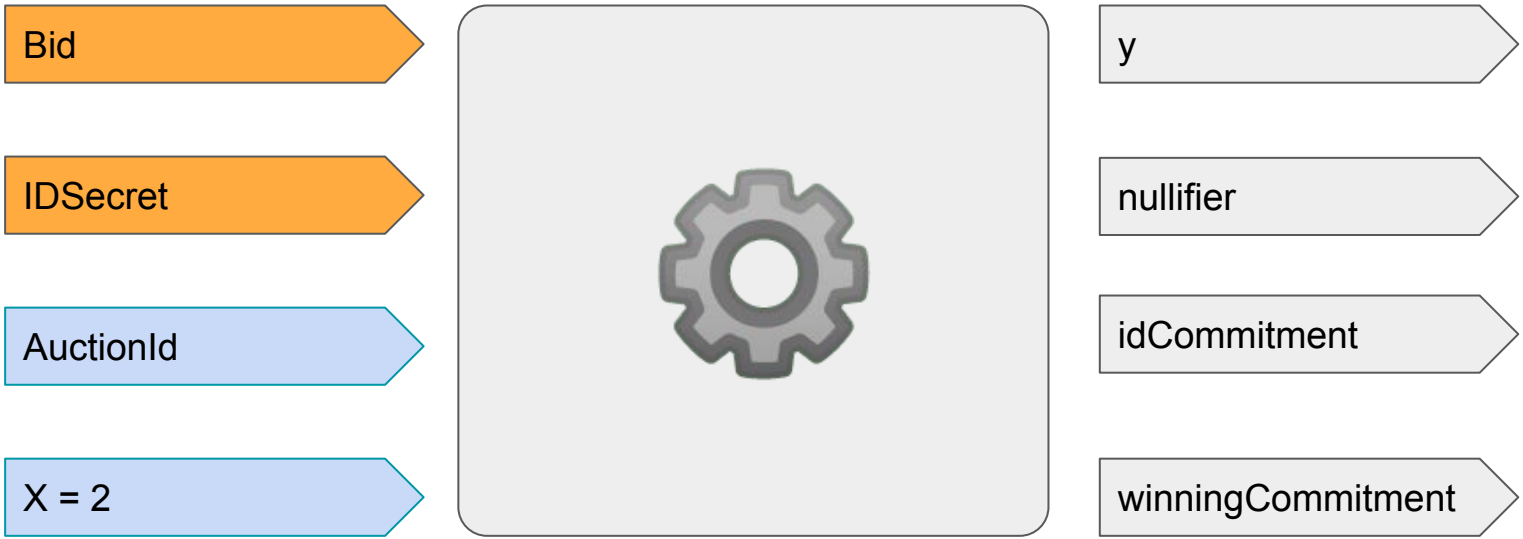
Smart Contract Logic Walk Thru



Generate Proof



Generate Proof



Generate Proof