1. **How many validators are there currently?**

Current number of validators on mainnet

**1,708**

2. **What is special about this block?**

Epoch 0 It seems to be the very first block in the network.

3. **What is special about this address**

The typical dead address in Solana known as the **incinerator address**, where tokens can be sent to be burned (removed from circulation). However, there is also the **Burn instruction**.

4. **What is this transaction doing?**

Transferring 11,365,066.99 SOL to the incinerator address (to be burned)

5. What is the largest balance you can find in an account?

Accounts are used to store data, and accounts have a max size of 10MB (10 Mega Bytes). Therefore, the maximum balance would be that which equates to 10 Mb of data in an account.

6. **What advantages will the end user see when using Solana compared to other blockchains?**

Lower transactions fees

Transaction speed

Security

7. Install Rust if needed.

Done