✓ **Congratulations! You passed!**

Next Item

✓

1 / 1
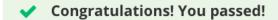points

1. **Inspect and explore block #4390176 using this link to solve the below question.**

What is the previous block hash of block #4390176 in Ethereum Blockchain? Provide the answer in the box below.

0xc253f0917b33b2947b4d9cdb7ad656cc0233ef1781984384284f3a91810a8a3

Correct Response
Correct!

✓

1 / 1
points

2. **Inspect and explore block #4390176 using this link to solve the below question.**

What is the total difficulty for block #4390176 in Ethereum Blockchain? Provide the answer in the box below.

1,226,797,074,502,984,598,563

Correct Response
Correct!

✓

1 / 1
points

3. **Inspect and explore the transaction with the hash "0x5edb69874d0900d8857468fbe53715cc1a58137709b8b70e46299bf10983dc09" using this link.**

Approximately, how many Ethers are transferred in this transaction?

○ 21000 ethers

○ 4434720 ethers

◉ 913.268 ethers

Correct
Correct!

○ 0.00042 ethers

✓

1 / 1
points

4. **Inspect and explore the transaction with the hash "0x5edb69874d0900d8857468fbe53715cc1a58137709b8b70e46299bf10983dc09" using this link.**

What is the address of the sender in this transaction? Provide the answer below in the textbox.

0xf9fba58d8345bd3100c5adf3b8b51938e5da0a9d

Correct Response
Correct!

✔

5. Which of the following is true about an externally owned account (EOA) in Ethereum Homestead?

1 / 1 points

◉ EOAs can send transactions (ether transfer or invoke a contract code)

Correct
Correct!

○ EOAs have associated code with them.

○ EOAs execute code when triggered by a transaction.

✔

6. External Owned Accounts (EOA) are controlled by _____.

1 / 1 points

◉ Private Key

Correct
Correct!

○ Public Key

○ Hash of the first transaction by that account

○ Public Key and Private Key

✔

7. What is the differentiating factor between the Ethereum Blockchain and the Bitcoin blockchain?

1 / 1 points

○ Wallets

○ Currency Exchange

○ Distributed ledger

◉ Smart contracts

Correct
Correct!

✔

8. Calculate the amount of gas points required to execute an operation that involves 2 steps and 1 load from memory. Use the following image.

1 / 1 points

Operation name	Gas Cost
Step	1
Load from memory	20
Store into memory	100
Transaction base fee	21000
Contract creation	53000
...	...

○ 1

◉ 22

○ 42

○ 23

✔

9.

1 / 1 points

What is the correct sequence involved in a block creation:

1. Transactions validated

2. Transactions Bundled & broadcasted

3. Transaction initiated

4. Block added to the local chain and propagated to the network.

5. Proof of work consensus problem solved

◉ 3,1,2,5,4

○ 3,2,1,4,5

○ 1,2,3,4,5

○ 5,3,1,2,4