



✓ **Congratulations! You passed!**

Next Item



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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.

0xc253f0917b33b2947b4d9cdb7ad656cc0233ef1781984384284f3a91810a8a36

Correct Response

Correct!



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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!



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3.

Inspect and explore the transaction with the hash

"0x5edb69874d0900d8857468fbe53715cc1a58137709b8b70e46299bf10983dc09" using [this link](#).

Approximately, how many Ethers are transferred in this transaction?



913.268 ethers

Correct

Correct!

- ☐ 4434720 ethers
- ☐ 21000 ethers
- ☐ 0.00042 ethers



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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!



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5.

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

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

Correct

Correct!

- ☐ EOAs execute code when triggered by a transaction.
- ☐ EOAs have associated code with them.



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6.

External Owned Accounts (EOA) are controlled by ____.

- ☐ Public Key
- ☐ Public Key and Private Key
- ☐ Hash of the first transaction by that account
- ☒ Private Key

Correct

Correct!



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7.

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

- ☐ Distributed ledger
- ☐ Currency Exchange
- ☐ Wallets
- ☒ Smart contracts

Correct

Correct!



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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.

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

- ☐ 1
- ☒ 22

Correct

Correct!

☐ 23

☐ 42



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9.

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

☐ 5,3,1,2,4

☒ 3,1,2,5,4

Correct

Correct!

☐ 3,2,1,4,5

☐ 1,2,3,4,5