

Ethereum Blockchain – Week 2 Quiz, 9 questions



Congratulations! You passed!

Next Item





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!





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!





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 eth	ners	
0.00042 e	thers	
✓ 1/1 point		
	ore the transaction with the hash 900d8857468fbe53715cc1a58137709b8b70e46299bf10983dc09" using <u>this link</u> .	
What is the addre	ss of the sender in this transaction? Provide the answer below in the textbox.	
0xf9fba58d8345bd3100c5adf3b8b51938e5da0a9d		
Correct Respons Correct!	e	
1/1 point		
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 exe	cute code when triggered by a transaction.	
EOAs hav	e associated code with them.	
✓ 1/1 point		
6. External Owned A	accounts (EOA) are controlled by	
Public Key		
Public Key	Public Key and Private Key	
Hash of th	ne first transaction by that account	
Private Ke	ey	
Correct		



1/1 point

7.

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

Distributed ledger

Currency Exchange

Wallets

Smart contracts

Correct!



1/1 point

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.

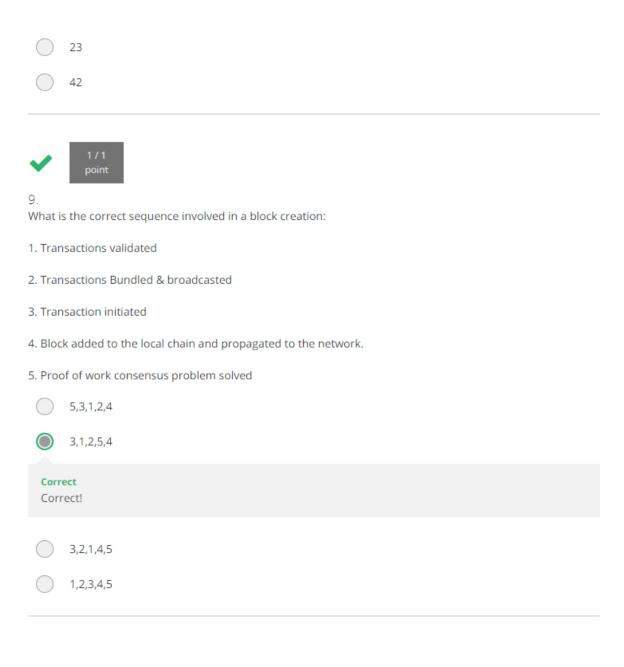
Operation name	Gas Cost
Step	1
Load from memory	20
Store into memory	100
Transaction base fee	21000
Contract creation	53000

1



22

Correct!



3 P P