



✓ **Congratulations! You passed!**

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1. What is one of the requirements of secure hashing function?

1 / 1
points

- ☐ It is a secret function
- ☐ It is an ECC function
- ☐ It is log function
- ☒ It is a one way function

Correct

Correct!



2. What type of hash is used when there is a fixed number of items to be hashed, such as the items in a block header, and we are verifying the composite block integrity?

1 / 1
points

- ☐ Either
- ☒ Simple Hash

Correct

Correct!

- ☐ Complex hash
- ☐ Tree-structured Hash



3. What type of hash function is used, when there is variable number of items to be hashed, such as the many state changes in a block?

1 / 1
points

- ☒ Tree-structured Hash

Correct

Correct!

- ☐ Either
- ☐ Simple Hash
- ☐ Complex hash



4. Keccak 256 is a commonly used algorithm for hash generation in Ethereum blockchain. True or False?

1 / 1
points

- ☐ False
- ☒ True

Correct

Correct!

