

✓ **Congratulations! You passed!**
Grade received **100%** To pass 80% or higher

Go to next item

Self-Check

Total points 4

1. In Ethereum, the block hash is the hash of all the elements in the _____.

1 / 1 point

- ☐ Receipt tree
- ☐ State tree
- ☒ Block header
- ☐ Transaction hash tree

✓ **Correct**
Correct!

2. Merkle tree hash is used for computing _____ hash.

1 / 1 point

- ☐ state root
- ☐ transaction root
- ☐ receipt root
- ☒ all of the above

✓ **Correct**
Correct!

3. Block hash allows for the formation of the chain link by embedding previous block hash in the current block header. True or False?

1 / 1 point

- ☐ False
- ☒ True

✓ **Correct**
Correct!

4. If a participant node tampers with a block, it results in ____.

1 / 1 point

- ☐ hash changing
- ☐ mismatch of hash values
- ☐ the local chain of node rendered in an invalid state
- ☒ All of the above

✓ **Correct**
Correct!