1. The algorithm for consensus in the Bitcoin blockchain is called _____ protocol.

1 / 1 point

○ Proof of Stake

○ Proof of Elapsed Time

○ Proof of Worth

◉ Proof of Work

✓ **Correct**
Correct! It gets its name because it involves "work" or computational power to solve the puzzle and to claim the right to form the next block.

2. Transaction confirmation is independently performed by all miner nodes. True or False?

1 / 1 point

◉ True

○ False

✓ **Correct**
Correct! Miners, take on added work or computation to verify transactions, broadcast transactions, compete to claim the right to create a block, work on reaching consensus by validating the block, broadcasting the newly created block and confirming transactions.

3. Transaction 0 in every block in the bitcoin blockchain _____.

1 / 1 point

○ is for paying the miner fees.

○ does not have any input UTXO.

○ is called the coinbase transaction

◉ All of the above.

✓ **Correct**
Correct!