

Name _____

Cryptocurrency Miners: The Guardians of Digital Transactions

Short Answer Key

1. Miners secure the cryptocurrency network by validating transactions, adding them to the Blockchain, and preventing double spending through the proof of work process.
2. Miners receive incentives in the form of newly created cryptocurrency coins (block rewards) and transaction fees for validating transactions.
3. Mining puzzles become more challenging as more miners join the network to maintain a competitive environment and ensure the security of the network.
4. Challenges and concerns associated with cryptocurrency mining include high energy consumption, environmental impact, and the centralization of mining operations in specific regions.
5. The trustless nature of cryptocurrency networks means that participants don't need to trust a central authority. Miners contribute to this by validating transactions and ensuring their integrity without the need for trust.

