

Name _____

Unlocking the Secret of Blockchain: A Digital Adventure

Short Answer Key

1. A block in Blockchain is similar to a page in a book because it can store a limited number of transactions or information.
2. Miners in the Blockchain network solve cryptographic puzzles, reach consensus on valid transactions, and add blocks to the Blockchain.
3. Blockchain being a trustless system means that participants don't need to trust a central authority or each other; trust is established through mathematical algorithms and cryptography.
4. One possible real-world example of Blockchain usage is in supply chain management to track the origin and journey of products, ensuring authenticity and reducing fraud.
5. Blockchain ensures the security of data through cryptographic puzzles, consensus mechanisms, and immutability, making it difficult for hackers to alter or delete data.

