Name:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Period\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Class\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Cryptocurrencies are \_\_\_\_\_\_\_\_ currencies, or assets used in electronic transactions. They are traded on electronic \_\_\_\_\_\_\_\_. They represent a new form of digital money that trades on \_\_\_\_\_\_\_\_computer networks.

Transactions in cryptocurrency occur on the \_\_\_\_\_\_\_\_, which is a digital \_\_\_\_\_\_\_\_ of transactions, where cryptography is an integral component.

Cryptocurrencies\_\_\_\_\_\_\_\_with investor demand.

When a group or company want to issue, or create, a digital currency or token, it launches an ICO, or \_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_.

Prices of the most popular cryptocurrencies can be easily tracked online at sites like\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_.

The risks of using cryptocurrencies include:

1. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. ­­­­­­\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
3. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_ is one of the most popular cryptocurrencies. It can be traded, like a \_\_\_\_\_\_\_\_ asset, and can be used to buy and sell goods and services online.

A virtual wallet holds a private \_\_\_\_\_\_\_\_ or \_\_\_\_\_\_\_\_ to access the currency.

The value of Bitcoin is determined by market participants and can \_\_\_\_\_\_\_\_ significantly.

Digital security and encoded transactions are \_\_\_\_\_\_\_\_ in the Bitcoin market.

Advocates of Bitcoin promote these benefits:

1. The supply of Bitcoin is\_\_\_\_\_\_\_\_; creating, or “mining” Bitcoin is a \_\_\_\_\_\_\_\_ process of solving encoded puzzles to help verify transactions, requiring significant computing power and electricity.
2. Bitcoin has a \_\_\_\_\_\_\_\_ ecosystem, meaning it is not controlled by any government entity or central bank.

Critics claim:

1. Primary users and traders of Bitcoin use the currency for \_\_\_\_\_\_\_\_ purposes. In fact, the first uses of Bitcoin were for transactions on the dark web, such as drugs, stolen credit cards, and even assassinations.
2. Lack of \_\_\_\_\_\_\_\_ in the Bitcoin market has opened the door to online thefts of various Bitcoin exchanges

The goal of blockchain technology is to use \_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_, which are digital agreements that govern a transaction.

Many banks and financial institutions have invested significant \_\_\_\_\_\_\_\_ into blockchain technology.

The “chain” in the blockchain is a collection of validated transactions (called \_\_\_\_\_\_\_\_). Each block contains the timestamped collection of code that verifies the transactions.

Be sure to trust only \_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_ research.

\_\_\_\_\_\_\_\_ Academy’s Money and Banking curriculum, there is a section called “Bitcoin”. It explains technical aspects quite well.

KEY

Cryptocurrencies are digital currencies, or assets used in electronic transactions. They are traded on electronic exchanges. They represent a new form of digital money that trades on peer-to-peer computer networks.

Transactions in cryptocurrency occur on the blockchain, which is a digital ledger of transactions, where cryptography is an integral component.

Cryptocurrencies fluctuate with investor demand.

When a group or company want to issue, or create, a digital currency or token, it launches an ICO, or initial coin offering.

Prices of the most popular cryptocurrencies can be easily tracked online at sites like, Coin Central.

The risks of using cryptocurrencies include:

1. there is no limit to the number of different cryptocurrencies that can be created
2. there is limited acceptance by the electronic commerce marketplace
3. Your digital wallet can be hacked.

Bitcoin is one of the most popular cryptocurrencies. It can be traded, like a speculative asset, and can be used to buy and sell goods and services online.

A virtual wallet holds a private key or code to access the currency.

The value of Bitcoin is determined by market participants and can fluctuate significantly.

Digital security and encoded transactions are vital in the Bitcoin market.

Advocates of Bitcoin promote these benefits:

1. The supply of Bitcoin is limited; creating, or “mining” Bitcoin is a complex process of solving encoded puzzles to help verify transactions, requiring significant computing power and electricity.
2. Bitcoin has a decentralized ecosystem, meaning it is not controlled by any government entity or central bank.

Critics claim:

1. Primary users and traders of Bitcoin use the currency for nefarious purposes. In fact, the first uses of Bitcoin were for transactions on the dark web, such as drugs, stolen credit cards, and even assassinations.
2. Lack of regulation in the Bitcoin market has opened the door to online thefts of various Bitcoin exchanges

The goal of blockchain technology is to use smart contracts, which are digital agreements that govern a transaction.

Many banks and financial institutions have invested significant resources into blockchain technology.

The “chain” in the blockchain is a collection of validated transactions (called blocks). Each block contains the timestamped collection of code that verifies the transactions.

Be sure to trust only reliable and independent research.

Khan Academy’s Money and Banking curriculum, there is a section called “Bitcoin”. It explains technical aspects quite well.