**ACTIVIDAD #6**

**Tipo de actividad: Matching heading**

Matching heading activity about the previous reading.

| **Headings** | **Descriptions** |
| --- | --- |
| 1. Ethereum Features | Detailed exploration of smart contracts, including their definition, characteristics, execution process, immutability, and comparison with traditional contract systems. |
| 2. Ether | Insight into the EVM as the runtime environment for Ethereum smart contracts, its operation, role in executing contracts, and the compilation of bytecode. |
| 3. Smart Contracts | Overview of essential components and capabilities of the Ethereum platform, including Ether, smart contracts, Ethereum Virtual Machine (EVM), Dapps, and DAOs. |
| 4. Ethereum Virtual Machine (EVM) | Explanation of Ethereum's native cryptocurrency, its role as the fuel for network transactions, and its use for paying gas fees and deploying contracts. |
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| 5. Decentralized Applications (Dapps) | Explanation of gas as a unit of measurement for computational power on the Ethereum network, its role in transaction execution, and its payment in Ether. |
| 6. Decentralized Autonomous Organizations (DAOs) | Examination of Dapps, their definition, architecture, and functionality within the Ethereum network, contrasting with traditional centralized applications. |
| 7. Gas | Overview of DAOs, their structure, governance model, reliance on smart contracts and decentralized voting, and real-world applications. |