Truffle:

In simple words, Truffle is a development environment, testing framework, and asset pipeline all rolled into one. It is based on Ethereum Blockchain and is designed to facilitate the smooth and seamless development of DApps (Distributed Applications). With Truffle, you can compile and deploy Smart Contracts, inject them into web apps, and also develop front-end for DApps. Today, Truffle is one of the most widely used IDEs for Ethereum Blockchain.

Ganache — It is a locally deployed Blockchain simulator. Ganache features a graphical user interface that can simulate Blockchain networks and live-test Smart Contracts without requiring you to set up real test networks or using to a remote network. is a virtual blockchain which sets up 10 default Etheruem addresses, complete with private keys and all, and pre-loads them with 100 simulated Ether each. There is no "mining" per-se with Ganache - instead, it immediately confirms any transaction coming its way. This makes iterative development possible - you can write unit tests for your code which execute on this simulated blockchain, deploy smart contracts, play around, call functions, and then tear it all down for further

simulation or new tests, returning all addresses to

their initial state of 100 Ether.

Metamask:

Metamask is a cryptocurrency wallet which can be used on the
browsers. It's also a browser extension. This means that
it works like a bridge between normal browsers and the
etherium blockchain.
Ethereum allows its users to write transaction guidelines
called *smart contracts*.
MetaMask can be used to store keys for
Ethereumcryptocurrencies only.

Smart Contract:
    Ethereum allows its users to write transaction
guidelines called *smart contracts*.

*1 ether = 1,000,000,000 gwei 10^9. 1 gwei = 0.000000001
ether. Just like 1 cent = 0.01 dollar.*