

zkEVM Homework

1. Deploying a contract to Polygon

1. Set up metamask to connect to the test network

- **Network Name:** Polygon zkEVM Testnet
- **RPC URL:** <https://rpc.public.zkevm-test.net>
- **Chain ID:** 1422
- **Currency Symbol:** ETH
- **Block Explorer URL:** <https://explorer.public.zkevm-test.net>

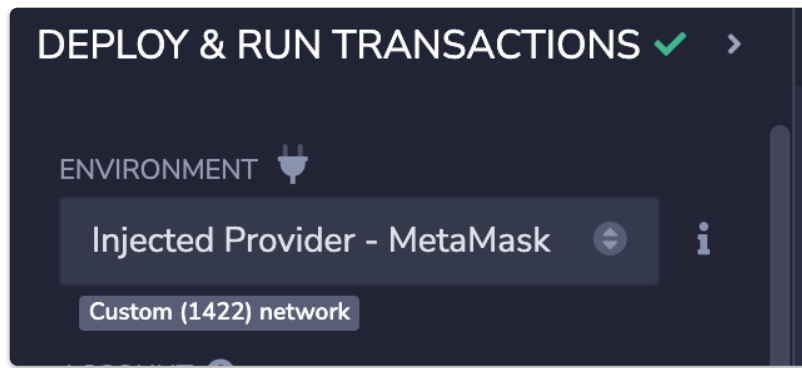
2. Transfer some goerli ETH to your account on polygon zkEVM Testnet using the bridge [bridge interface](#)

The screenshot displays the Polygon zkEVM bridge interface. At the top, it shows the 'polygon zkEVM' logo and a wallet address '0x0e11...5e12'. Below this, a section titled 'Polygon zkEVM testnet' lists the following details:

- RPC URL: <https://rpc.public.zkevm-test.net>
- Chain ID: 1422
- Currency symbol: ETH
- Block explorer URL: <https://explorer.public.zkevm-test.net>
- L1 Goerli Smart Contract: [0x5e2e663A39205348cE985Bccc9673Ca25AeE727E](#)

Below the list are two buttons: 'Add to MetaMask' and 'Report an issue'. A warning message states: 'ETH bridges in the Ethereum Goerli network are limited to 0.25 ETH in early testnet versions'. The main transfer section shows a 'From' field with 'Ethereum Goerli' selected and a balance of '36.023318 ETH'. The 'To' field is currently empty. A dropdown menu shows 'ETH' selected with a 'MAX' button. The amount to be transferred is '0.00'. Below the transfer section is a 'Continue' button.

2. Create a simple contract in Remix, and deploy using metamask as the Injected provider.



3. Check your deployment and transactions using the [block explorer](#)