## Mining Introduction



## **Objectives**



**Objective** 

Explain how mining works



**Objective** 

Explain how mining provides security to the network

## How Mining Works

- Uses hash functions
- Iteratively hashing block header
  - Change the nonce and hash again
- Hash has to be small enough (a low enough number)
- Valid block submitted to the network
- Mining protocols
  - Difficulty parameter

