

Version

## Bitcoin Block Header (80 bytes)

Timestamp  
Difficulty Target

Nonce



4 bytes

Previous Block Hash

32 bytes

Merkle Root

32 bytes

4 bytes  
4 bytes  
4 bytes

**Total: 80 bytes**

1. Construct header

2. Hash (SHA-256 twice)

3. Check if < Target

Nonce:  
~~The only field  
miners change~~