

# Blockchain Summative

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## Task 1 - Mining Puzzles

- [illegible]

9. *Hit Value*:

Effective balance ( $E$ ) = 74

Base target ( $T_B$ ) = 1229782938247303 (from prev. block)

Time since last block ( $t$ ) = 1385656125

New Target =  $E \times T_B \times t = 684ebf8cccccc24519a66e$

Previous generation signature ( $G$ ) = 9737957703d4eb54efdff91e15343266123c5f15aaf033  
292c9903015af817f1

Signed  $G = \text{SK}(G) = \text{aa084cddc3d64a4425af1c1b6e4c41c0b9dd60176e41b7134bc3eb87de}$   
 $25f9411f83eddd7031f7048a47c5d0bfc4fdf268d6c7fd4eb41f72e65933ba8c453008$

Hashed =  $\text{SHA256}(\text{SK}(G)) = \text{de9734e60820253cc47281d56b3e9c20d749c34f353e497000e8238eaa45cd55}$

**Hit Value** = de9734e60820253c

## Task 2 - bitcoin-testnet

1. User ID: wbbz74

## Task 3 - A Wise Investment?

400-500 WORDS ABOUT WHICH IS THE MOST WISE INVESTMENT? dfkjsdf df sdfk sdfkj  
sdfkj sdfkj sdfkj sdfkj sdfkj sdfkj sdfkj sdfkjs dfksjd fksjd f