**Quiz 2/8**

**Q)**

**PoW**

**M1 miner - 10% capability**

**M2 miner - 20% capability**

**M3 miner - 15% capability**

**M4 miner - 55% capability**

**Calculate the expected mining incentive for each miner.**

**With a mining reward of 6.25 BTC**

**A)**

Each miner's incentive will be determined by capability.

The incentive in BTC for the M1 miner is 6.25 \* 0.1 = **0.625**.

The incentive in BTC for the M2 miner is 6.25 \* 0.2 = **1.25**.

The incentive in BTC for the M3 miner is 6.25 \* 0.15 = **0.937**.

The incentive in BTC for the M4 miner is 6.25 \* 0.55 = **3.43**.

Current BTC/USD value 21,747.20 USD

The M1 miner’s reward is **13592.00 USD**.

The M2 miner's reward is **27184.00 USD**.

The M3 miner's reward is **20377.13 USD**.

The M4 miner's reward is **74592.90 USD**.