



Question: I'm mining since XYZ with XYZ, why I haven't found a block yet?

\$\$ Average Time To Find One Block = $(\frac{\text{NetworkHashrate}}{\text{LocalHashrate}}) * \text{BlockTime}$ \$\$

One block = 6 coins (as now)

NetworkHashrate = retrieved by `getmininginfo` command from `</>CLI`

LocalHashrate = retrieved by `getmininginfo` command

BlockTime = 60 seconds (average)

note: The above formula assumes you are already mining and your hashrate is already included in the `NetworkHashrate`. For very large LocalHashrate calculations (what-if-I-had scenario) add it to the NetworkHashrate yourself.

Real example with - 31 threads AMD Ryzen 5950x @ 4.4Ghz -

\$\$ Average Time To Find One Block = $(\frac{851125882237}{46159950}) * 60$ \$\$

\$\$ Average Time To Find One Block = 1,106,317 seconds (307 hours or little under 13 days) \$\$

Bear in mind that these are average times to find a block. In real life you may hit a block much sooner or later after finding the last. In the long run it averages out to the values predicted.

(submitted by @TexWiller, edited by Oink.vrsc@)

note: last revision date 2023-06-21