Homework 2

> ## Homework Maths 2
>
> 1. Modular arithmetic - you just need to find examples, you don't need to prove anything.
>
>   > 1. Is it true that all odd squares are ≡ 1 (mod 8) ?
>   > 2. what about even squares (mod 8) ?
>
> 2. Try out the vanity bitcoin address example at asecurity or the Ethereum version
>
> 3. What do you understand by
>
>   > 1. O(n)
>   > 2. O(1)
>   > 3. O(log n)
>
> For a proof size, which of these would you want ?