Collatz conjecture: Consider the Following rules (applied to un integer n): - if n ==1, Stop.

- if n is even, divide it by 2

- if n is odd, maltiply it by 3 and add 1. anstion: loss the resulting sequence always Stap, vo natter where you begin? E.g., \*\* W/ n = 3  $3 \longrightarrow 10 \longrightarrow S \longrightarrow 16 \longrightarrow 8 \longrightarrow 4 \longrightarrow 2 \rightarrow 1$