Prime number

$19 \rightarrow 1, \not{3}, \not{7}, \not{4}, \not{5}, 19$

$18 \rightarrow \textcircled{1}, \textcircled{2}, \textcircled{3}, \not{6}$

$63 \rightarrow \textcircled{1}, \not{2}, \textcircled{3}, \not{4}, \not{5}, \not{6}, \textcircled{7}$

$1496 \rightarrow \textcircled{1}\textcircled{2}, \not{3}, \textcircled{4} \rightarrow$ Composite

$1493 \rightarrow \textcircled{1}, \not{2}, \not{3}, \not{5}, \not{7}, \not{9}, \not{11}, 13, 17, 19, 23, 29, 31, 37, \ldots$
    ✓ Prime number

Algorithm for prime number

1.) Find the closest square root of the number, if the number is **odd**.

2.) List all prime numbers till the square root number

3.) Check if they divide the number if they divide then, it's composite

   else **PRIME**