**Recursion extra questions (2)**

**1)** Count Occurrences: Write a recursive function to count the occurrences of a specific element in an array. Example: countOccurrences(arr, n, x) where arr = {1, 2, 3, 2, 2, 4} and x=2 should return 3.

**2)** Greatest Common Divisor (GCD): Write a recursive function to find the GCD of two numbers using Euclid's algorithm. Example: gcd(a, b) where a=48 and b=18 should return 6.

Assuming you want to calculate the GCD of 1220 and 516, lets apply the Euclidean Algorithm: