

## Copilot

Sure! Let's solve this problem using Python as an example programming language.

Here's a Python function to find the number of divisors of ( N ) that are divisible by 3:

```
def count_divisors_divisible_by_3(N):  
    count = 0  
    for i in range(1, N + 1):  
        if N % i == 0 and i % 3 == 0:  
            count += 1  
    return count
```

# Example usage:

```
N = 18
```

```
print(f"The number of divisors of {N} that are divisible by 3 is: {count_divisors_divisible_by_3(N)}")
```

In this example, the function `count_divisors_divisible_by_3` iterates through all numbers from 1 to ( N ). It checks if a number is a divisor of ( N ) and if it is divisible by 3. If both conditions are met, it increments the count.

For ( N = 18 ), the divisors of 18 that are divisible by 3 are 3, 6, 9, and 18. So, the output will be:

The number of divisors of 18 that are divisible by 3 is: 4

Feel free to ask if you have any questions or need further assistance!