Copilot

Sure! Here’s a solution to find the number of divisors of an integer (N) that are divisible by 3 in R:

```
count_divisors_by_3 <- function(N) {
  count <- 0
  for (i in 1:N) {
    if (N %% i == 0 && i %% 3 == 0) {
      count <- count + 1
    }
  }
  return(count)
}

# Example usage:
N <- 18
result <- count_divisors_by_3(N)
cat("Number of divisors of", N, "that are divisible by 3:", result, "\n")
```

This function iterates through all numbers from 1 to (N), checks if they are divisors of (N) and if they are divisible by 3. If both conditions are met, it increments the count. Finally, it returns the count of such divisors.

Feel free to test it with different values of (N)! If you have any questions or need further assistance, just let me know. 😊