

Tom and Maria both claim they've written a method that has a best case runtime of $\theta(1)$. Who is correct? * 2 points

```
// Tom's Method
public void funWithTom(int[] a) {
    if (a.length < 5) return;

    for (int num : a) {
        System.out.println("hi");
    }
}

// Maria's Method
public void funWithMaria(int[] a) {
    if (a.length > 0 && a[0] == 5) return;

    for (int num : a) {
        System.out.println("hi");
    }
}
```

- ☐ Tom is correct because the method will terminate instantly for arrays smaller than 5 elements
- ☐ Maria is correct because the method will terminate instantly when the first element of the array is 5
- ☐ Both Tom and Maria are correct
- ☐ Neither are correct because both methods print "hi" a.length times

