def

def

```
return 0
```

return

```
10    # generates 0, 3, 6, 9
```

```
          5  10    # => True
```

Functions as Return Values

```python
def make_divisibility_test(n):
    def divisible_by_n(m):
        return m % n == 0
    return divisible_by_n


div_by_3 = make_divisibility_test(3)
filter(div_by_3, range(10))  # generates 0, 3, 6, 9
make_divisibility_test(5)(10)  # => True
```

Why Not Both?