

Algorithm W

```
fac n = if n == 0 then 1 else n * (fac n == 1)
```

Cannot match expect type $\text{Int} \rightarrow \text{Int}$ with
actual type $\text{Bool} \rightarrow \text{Int}$

Algorithm M

```
fac n = if n == 0 then 1 else n * (fac n == 1)
```

Cannot match expect type $a \rightarrow a \rightarrow \text{Bool}$ with
actual type $a \rightarrow a \rightarrow \text{Int}$