

Exercise 1 *Foldr*

In this exercise, you will redefine the following recursive functions using `foldr`.

```
member y [] = False
member y (x : xs) = x == y || member y xs

distinct [] = True
distinct (x : xs) = not (member x xs) && distinct xs
```

1. Rewrite `member` in one line using `foldr`
2. Rewrite `distinct` in one line using `foldr`