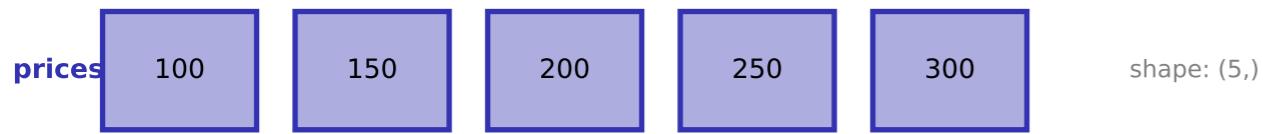


## Broadcasting: Array + Scalar



+ 10 (scalar)



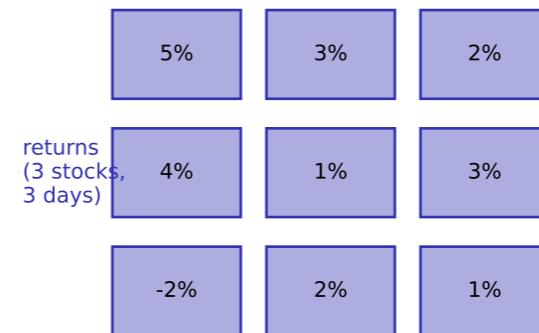
Broadcasts to match shape



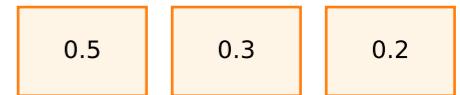
Finance: Add \$10 fee to all prices

```
prices + 10 # No loop needed!
```

## Broadcasting: Matrix + Row



+ weights (1x3):



Result: Each row added to weights

Broadcasting Rules:

1. Dimensions compared right-to-left
2. Sizes must match OR one must be 1