Catching Spies Test Cases

```
2 3 5
1 5 6
3 4 5
1 2 5
2 3 4 6
0

1:   1
2:   1
3:   2
4:   1
5:   4
6:   1
```

```
1 2
3 4
5 6
0

1:   0
2:   0
3:   0
4:   0
5:   0
6:   0
```

```
1 2 5
2 3 4
1 2 3 4 5 6
2 3 4
0

1:   3
2:   5
3:   3
4:   3
5:   3
6:   1
```