PS 3: Problem 1

1-1

x	scored_vals
-3	[[3, -3],
1	[[3, -3], [-1, 1],
-8	[[3, -3], [-1, 1], [8, -8],
10	[[3, -3], [-1, 1], [8, -8], [-10, 10]]

1-2 value assigned to `bestpair`

[8, -8]

1-3 value returned by `mystery1`

-8

1-4

```
mystery2('sizes')
    s = 'sizes'
    result_rest = mystery2('izes') = xeezzii
    return sxeezzii

    mystery2('izes')
        s = 'izes'
        result_rest = mystery2('zes') = xeezz
        return xeezzii

        mystery2('zes')
            s = 'zes'
            result_rest = mystery2('es') = xee
            return xeezz

            mystery2('es')
                s = 'es'
                result_rest = mystery2('s') = x
                return xee

                mystery2('s')
                    s = 's'
                    Base case
                    return x
```

1-5

sxeezzii