In[114]:=

```
g[x_] = x - (x^2 - 2)
```

Out[114]=

$$2 + x - x^2$$

In[141]:=

```
N[g[1 / 2], 10]
```

Out[141]=

```
2.250000000
```

In[142]:=

```
N[g[2 + 1 / 4], 10]
```

Out[142]=

```
-0.8125000000
```

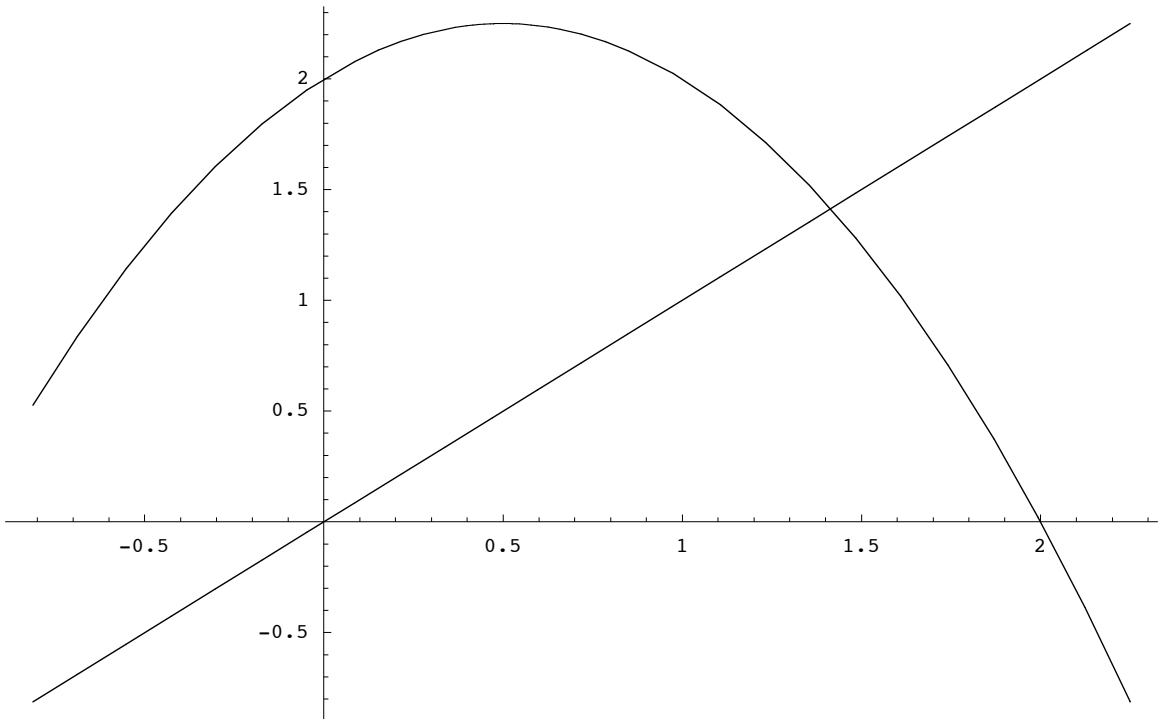
```
g[-0.8125]
```

Out[144]=

```
0.527344
```

In[138]:=

```
Plot[{g[x], x}, {x, -0.8125, 2.25}]
```



Out[138]=

```
- Graphics -
```