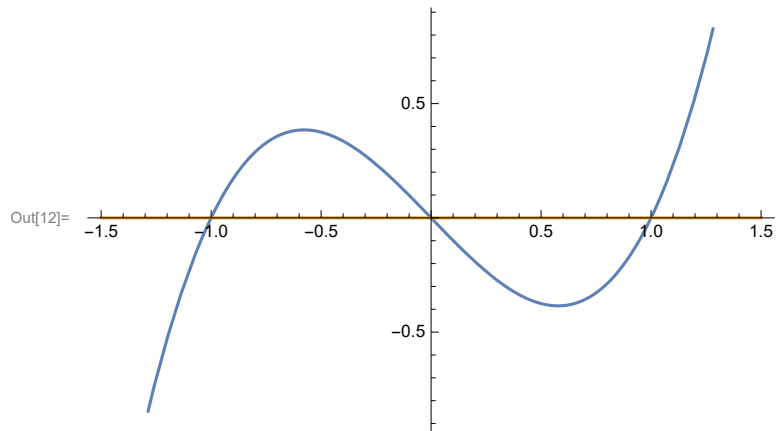


```
In[9]:= f[x_] = x3 - x;  
g[x_] = 0;
```

```
In[12]:= Plot [{f[x], g[x]}, {x,  $-\frac{3}{2}$ ,  $\frac{3}{2}$ }]
```



```
In[16]:= Solve [f[x] == g[x], x]
```

```
Out[16]= {{x → -1}, {x → 0}, {x → 1}}
```

```
In[17]:=  $\int_{-1}^0 (f[x] - g[x]) \, dx + \int_0^1 (g[x] - f[x]) \, dx$ 
```

```
Out[17]=  $\frac{1}{2}$ 
```