

```
>> syms x y
>> f=sqrt(sin(x))
```

```
f =
```

```
sin(x)^(1/2)
```

```
>> ezplot(f,[0,pi])
>> hold on
>> g=0*x
```

```
g =
```

```
0
```

```
>> ezplot(g,[0,pi])
>> hold off
>> pi*int(sin(x),x,0,pi)
```

```
ans =
```

```
2*pi
```

```
>>
>> f=x-x^3
```

```
f =
```

```
- x^3 + x
```

```
>> ezplot(f,[0,1])
>> hold on
>> ezplot(g,[0,1])
>> hold off
>> 2*pi*int(x*(x-x^3),x,0,1)
```

```
ans =
```

```
(4*pi)/15
```

```
>>
```