

[4.8] Plot functions that return lists

You can define functions in the Y= Editor that return lists, and the elements of those lists will be graphed as separate plots. For example, suppose function $f1()$ is defined as

```
f1(x)
Func
return {x^2,x^3}
EndFunc
```

then, in the Y= Editor define

```
y1=f1(x)
```

When the graph screen is displayed, both x^2 and x^3 will be plotted as separate plots.