

# Table Operations

Enter a rule for a function and generate a table of input/output values.

We will generate a table of values given the rule  $g(t) = t^2$

Keystrokes

Screen

First enter the function rule. Note that the calculator uses the variable  $x$  rather than  $t$ .

$Y =$   $X,T,\theta,n$   $x^2$



Look at the table settings:

$2^{nd}$  WINDOW



If necessary, change the TblStart to 0:

0 ENTER



If necessary, change the step size:

1 ENTER



Look at the table:

$2^{nd}$  GRAPH

X	Y1	
0	0	
1	1	
2	4	
3	9	
4	16	
5	25	

X=0

To scroll up and down the table, use the up and down arrow keys. I pressed the up arrow key five times to get this display.



X	Y1	
-5	25	
-4	16	
-3	9	
-2	4	
-1	1	
0	0	

X=-5

More questions? Contact the **Metropolitan State University Math Center** at 651-793-1460, 651-793-1463 (Fax) or [math.center@metrostate.edu](mailto:math.center@metrostate.edu).

Persons with a disability who need reasonable accommodations may call Disability Services at 651-793-1540 or 651-772-7687 (TTY).

## Change the step size for the table.

*Keystrokes*

*Screen*

Look at the table settings.

**2nd** **WINDOW**

```
TABLE SETUP
TblStart=-5
ΔTbl=1
Indnt:  Ask
Depnd:  Ask
```

If necessary, change the TblStart to 0:

**0** **ENTER**

```
TABLE SETUP
TblStart=0
ΔTbl=1
Indnt:  Ask
Depnd:  Ask
```

Change the step size to .2:

**[.]** **2**

```
TABLE SETUP
TblStart=0
ΔTbl=.2
Indnt:  Ask
Depnd:  Ask
```

Return to the table display:

**2nd** **GRAPH**

X	Y1	
0	0	
.2	.04	
.4	.16	
.6	.36	
.8	.64	
1	1	
1.2	1.44	

X=0

More questions? Contact the **Metropolitan State University Math Center** at  
651-793-1460, 651-793-1463 (Fax) or [math.center@metrostate.edu](mailto:math.center@metrostate.edu).

Persons with a disability who need reasonable accommodations may call Disability Services at 651-793-1540 or 651-772-7687 (TTY).