How did you graph the parabola for the warm-up?

Graphing with code is similar, this command:

```
for (x=-10; x<=10;x+=.1)
```

counts by tenths through all the x values between -10 and 10.

As the loop counts by tenths, we calculate the y value for each x value:

```
y=a*pow(x,2)+b*x+c;
```

Next, this line plots each point we just created:

```
plot.point(x,y);
```

Finally, this block puts those points on a labeled graph:

```
plot.mathCoord(); //tells the computer what kind of graph it is
plot.title("Parabola"); //labels the graph
plot.label(PLOT_AXIS_X,"x value"); //labels the x axis
plot.label(PLOT_AXIS_Y,"y value"); //labels the y axis
plot.plotting(); //tells the computer to plot your points
```


What does the graph look like if you only do 21 evenly spaced points between -10 and 10?

What would you change if you wanted to graph between 0 and 1 instead of -10 to 10?

What would you change if you wanted to graph a straight line instead of a quadratic?