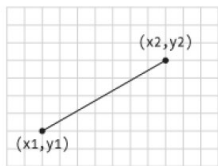


## Activity #6

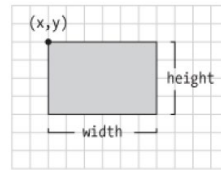
### Complete Short Study #1: Algorithmic Drawing

Building on what we did in class, create **your own unique drawing** using **2D primitive shapes**.

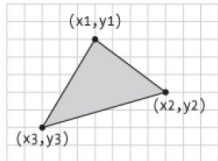
- \* Reference **Chapter 3: Draw (pages 17-40)** in the *Getting Started with p5.js* book.
- \* Reference my variation examples in Section 01 within the OpenProcessing class.



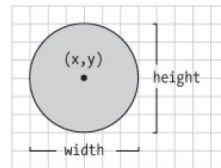
`line(x1, y1, x2, y2)`



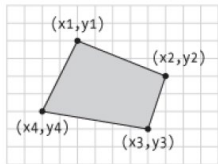
`rect(x, y, width, height)`



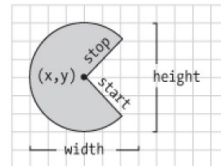
`triangle(x1, y1, x2, y2, x3, y3)`



`ellipse(x, y, width, height)`



`quad(x1, y1, x2, y2, x3, y3, x4, y4)`



`arc(x, y, width, height, start, stop)`

Draft and test your code in the OpenProcessing sketch editor within your account (remember how to see the split-screen layout via the Editor tab, and to play/refresh and save frequently).

You can draw a character, an object, create an illusion, etc., but **your drawing and code must be original**.

*Your sketch must include:*

A canvas size of at least 400 x 400

**At least 3** different types of **2D primitive shapes**

**At least 3 types of variation** (e.g. scale, outline, color, transparency, corner treatment, etc.)

When it's finished, submit it to the **Activity 06 (Section 02)** collection in our OpenProcessing class.

Fill out these fields:

Description;

How to interact with it;

Who can see you sketch? [choose: "My Class"];

Who can see the code? [choose: "My Professors"]

*This an individual assignment, with peer support.*