

1. Take out your homework assignment from last night (a Mondrian-inspired drawing)
2. Open up p5.js and log in to your account.
3. A. Make several horizontal and vertical black or gray lines. Try to match your drawing as closely as possible.

B. Write code that draws a thick vertical black line:

C. Write code that draws a horizontal gray line:

4. A. Add in several rectangles or squares. Start by making them black or gray.

B. Write code that draws a black or gray rectangle:

5. A. Add color! Experiment with making the rectangles different primary colors (red, yellow, blue)

B. Write code that draws a blue, yellow, or red rectangle:

C. What color is your rectangle? How would you change its color?

Solutions:

B. Write code that draws a vertical black line:

```
strokeWeight(7)  
line(300, 0, 300, 400);
```

C. Write code that draws a horizontal red line:

```
stroke("red");  
line(0, 100, 400, 100);
```

6. A. Add in several rectangles or squares. Start by making them black or gray.

B. Write code that draws a black or gray rectangle:

```
fill(0)  
rect(200,200,100,50)
```

7. A. Add color! Experiment with making the rectangles different primary colors (red, yellow, blue)

B. Write code that draws a blue, yellow, or red rectangle:

```
fill("red")  
rect(240,200,100,50)
```

C. What color is your rectangle? How would you change its color?

My rectangle is red, I could change its color by changing the fill("color") to a different color.