

Exercises

(1-1) English: rectangle that is 5 units wide and 4 units high

code: rect(0,0,5,4)

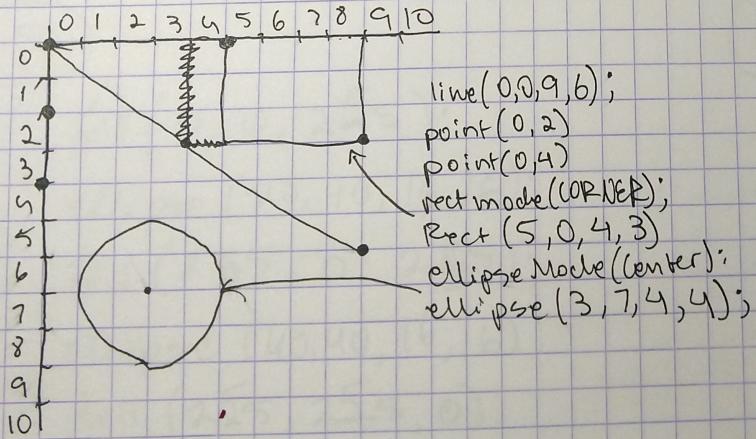
English: circle w/ center at 5,5 & diameter of two

code: circle(5,5,2)

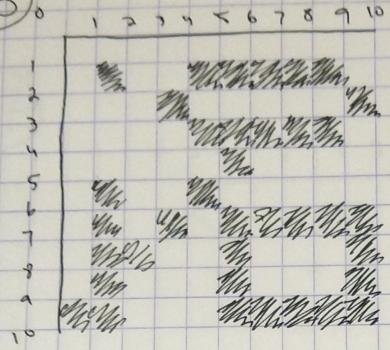
English: triangle with points on 0,1 - 0,3, 3,3

code: triangle(0,1,0,3,3,3)

(1-2)



1-3.

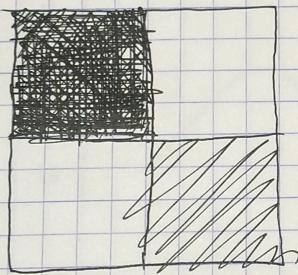


```

point(1,1);
line(1,5,1,9);
line(0,9,5,9);
ellipseMode(corners);
ellipse(3,1,9,3);
rectMode(corners);
rect(5,6,9,9)

```

1-4



```

background(255);
noStroke();
fill(0);
rect(0,0,100,100);

stroke(0);
fill(175);
rect(100,100,100,100)

noFill();
stroke(0);
rect(0,200,200,200)

```

1-5

```

fill(0,0,255);
ellipse(20,40,16,16);
fill(255,0,255);
ellipse(40,40,16,16);
fill(255,255,0);
ellipse(60,40,16,16);

```

1-6

fill(0,100,0); dark green

fill(100); dark grey

stroke(0,0,200); darker blue

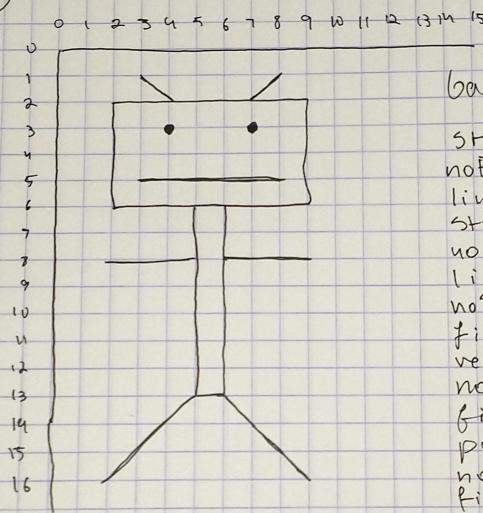
stroke(225); off white/grey

stroke(255,255,0); yellow

stroke(0,255,255); cyan

stroke(200,50,50); dark red

(1-7)



```
background(255);  
stroke(0);  
noFill();  
line(3, 1, 4, 2);  
stroke(0);  
noFill();  
line(7, 2, 8, 1);  
noStroke();  
fill(255, 0, 0);  
rect(2, 2, 7, 4);  
noStroke();  
fill(0);  
point(4, 3);  
noStroke();  
fill(0);  
point(7, 3);  
noStroke();  
noFill();  
line(3, 5, 8, 5)  
noStroke();  
fill(255, 0, 0);  
rect(5, 6, 1, 7);  
stroke(0);  
noFill();  
line(2, 8, 5, 8);  
stroke(0);  
noFill();  
line(6, 8, 9, 8);  
stroke(0);  
noFill();  
line(2, 16, 5, 13);  
stroke(0);  
noFill();  
line(6, 13, 9, 16);
```