**Name the method based on the following description-**

1) Changes the dimensions of the screen: _____
2) Used to draw round objects: _____
3) Changes the outside border of an object: _____
4) Changes the thickness of the outside border of an object: _____
5) Used in between beginShape() and endShape() to draw irregular shapes: _____
6) This method runs once at the beginning of a sketch: _____
7) This method runs continuously to allow for animation: _____
8) This one method is used to draw a two dimensional, 4 sided object that is not a rectangle: _____

**Describe what the following methods do-**

9) background() - _____

10) rect() - _____

11) fill() - _____

12) beginShape() - _____

13) endShape() - _____

14) arc() - _____

15) rectMode() - _____

16) box() - _____

**Use the box to the right to draw what the following code produces:**

**You can assume all segments start with the following** size(400,400); **and** background(255);

```
noFill();

stroke(0);
ellipse(200,200,70,70);
ellipse(100,100,50,50);
ellipse(300,100,50,50);
```

```
fill(0);
rect(200,200,100,100);
triangle(200,200,300,200,250,100);
```

```
noFill();
beginShape();
vertex(50,50);
vertex(100,50);
vertex(50,100);
vertex(100,100);
endShape();
```

What are the four variables that processing creates for you when you run a sketch? _____

What method runs once at the beginning of the sketch in dynamic mode? _____

What method runs as long as the sketch is active in dynamic mode? _____

**Finish writing the Processing command for the following arcs:**

```
arc(width/2,height/2,100,100,_____,_____);
```

```
arc(width/2,height/2,100,100,_____,_____);
```

```
arc(width/2,height/2,100,100,_____,_____);
```

**Write the color for the following fill commands:**

17) fill(255,0,0); _____       20) fill(255,255,0); _____

18) fill(0,255,0); _____       21) fill(255,0,255); _____

19) fill(0,0,255); _____       22) fill(255); _____

**Write the code to produce the following shapes:**