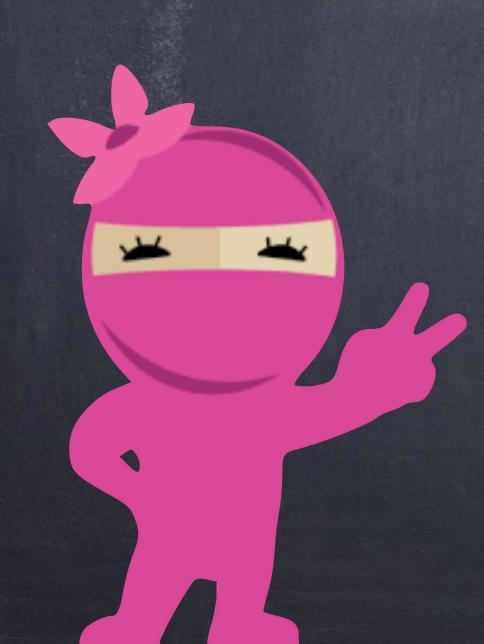
REVIEW OF CONCEPES How strong are your skills?



Coordinates Anyone remember what they are?

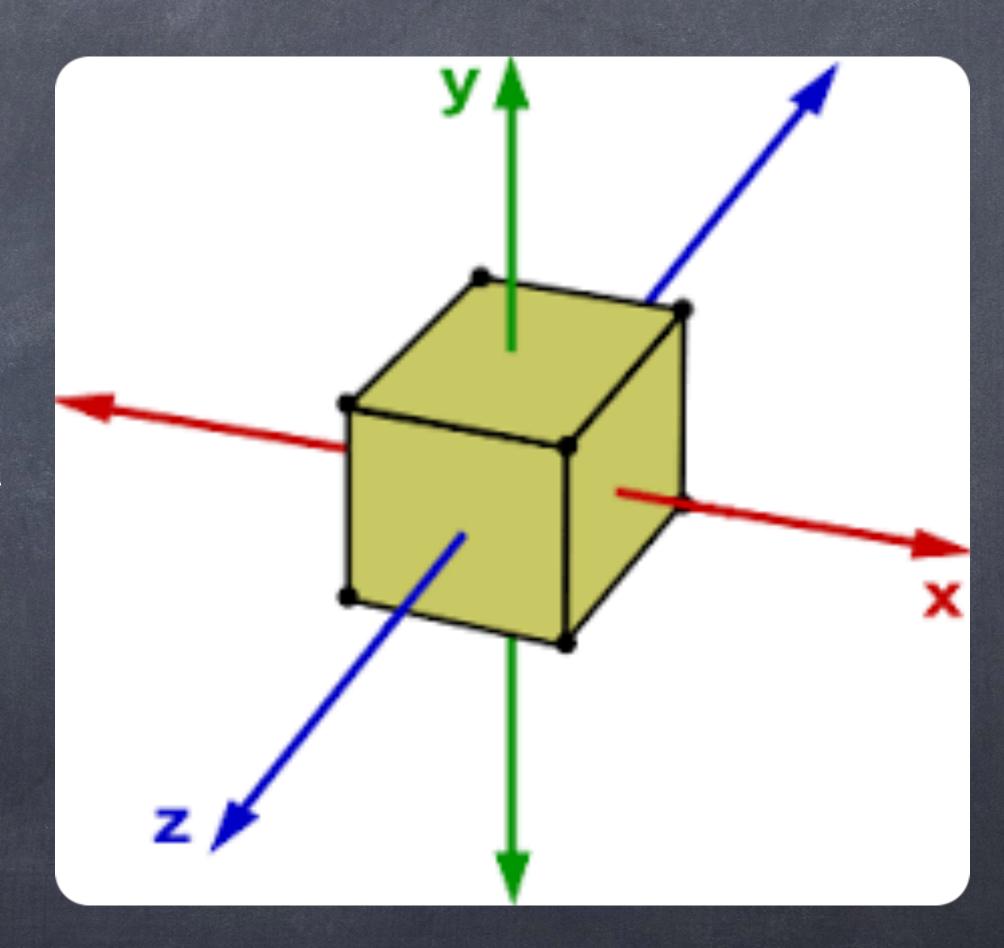




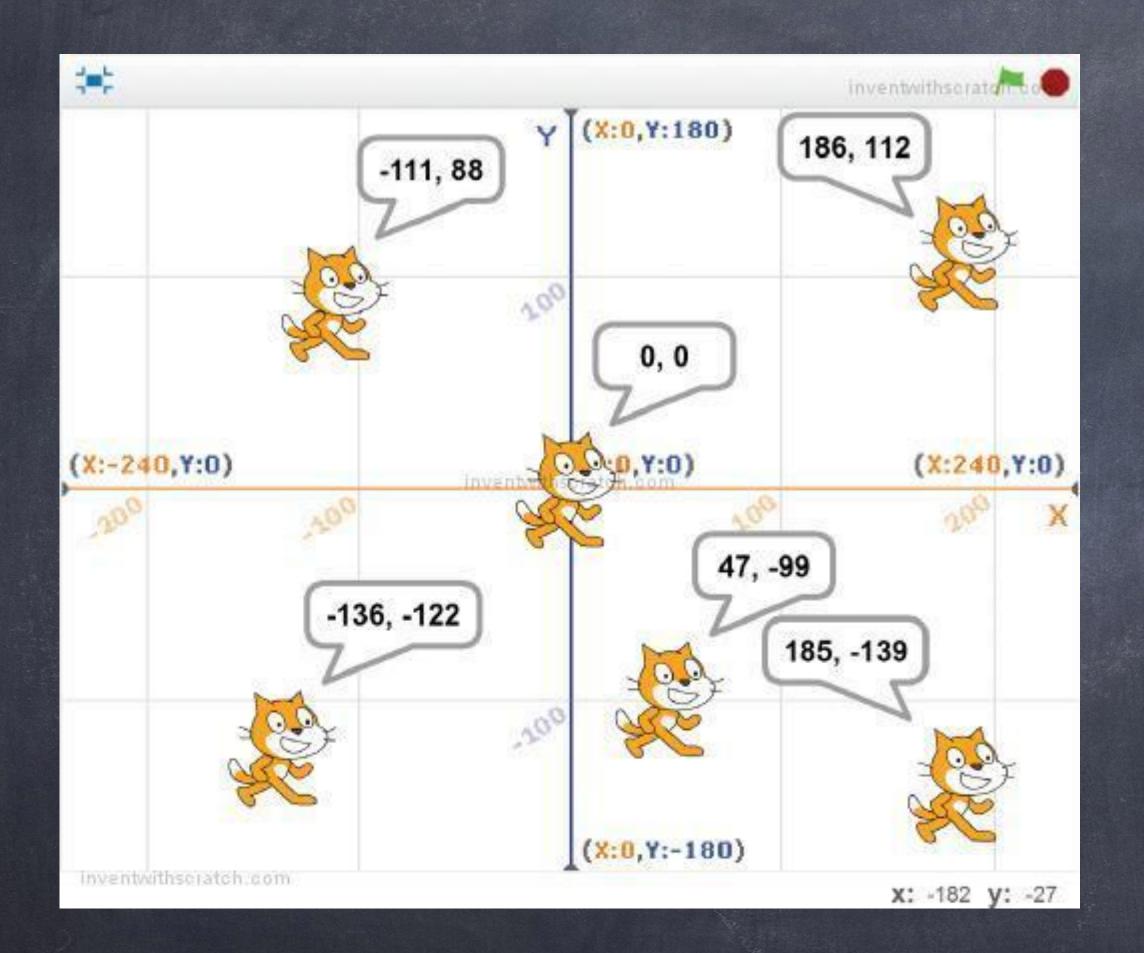
Three Axis Coordinates



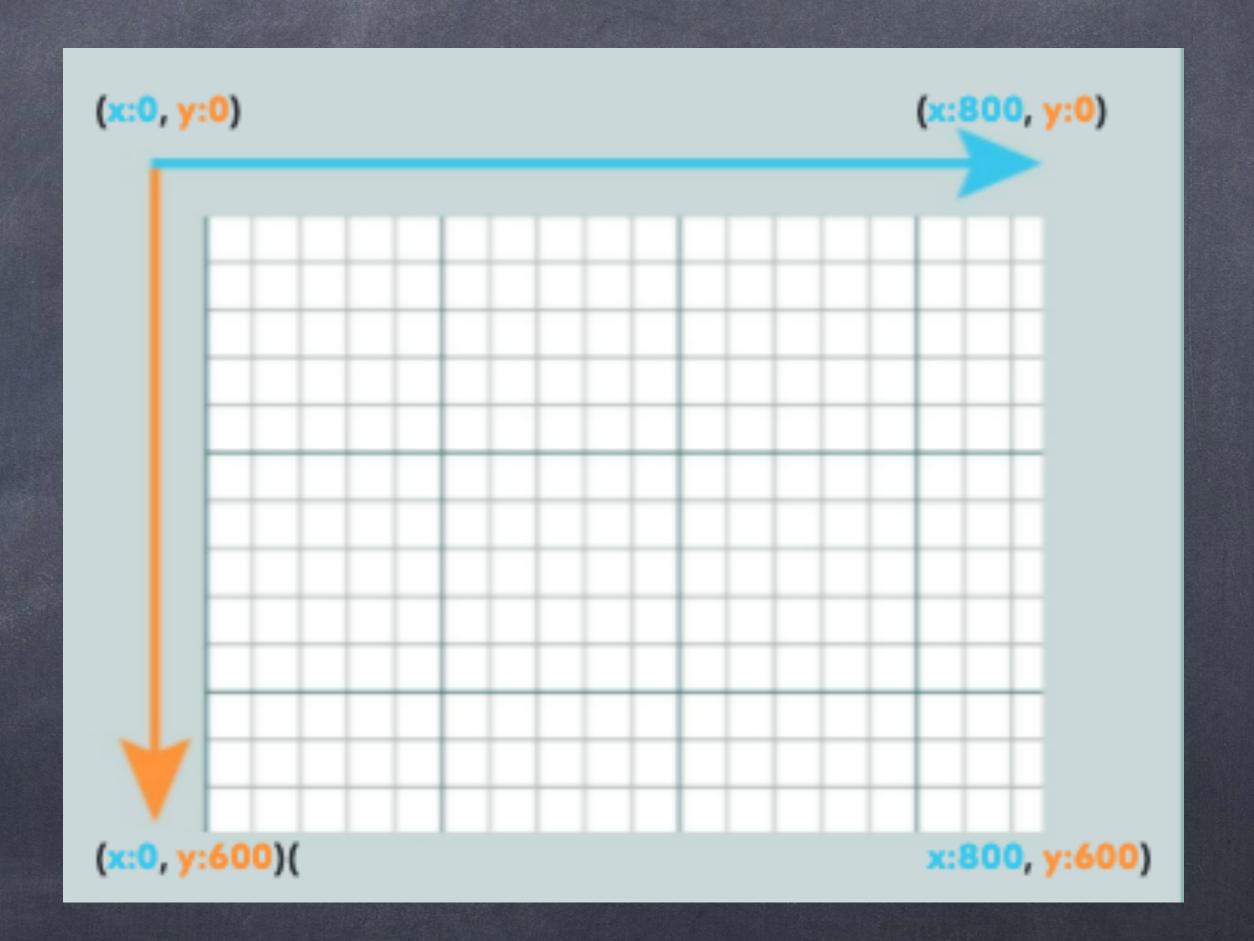
Ordered Triple: (X, Y, Z)



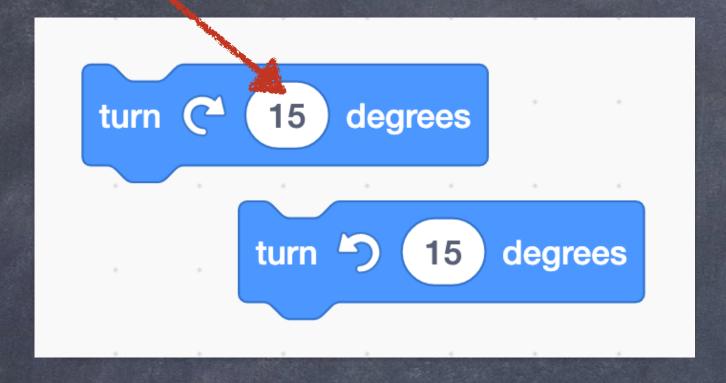
Scratch Coordinates



GDP Coordinates



Functions Anyone remember what they are?



```
define multiply p1 p2

set my variable ▼ to p1 * p2
```

multiply

```
spin(yellowStar, 100);
spin(orangeStar, 100);
spin(greenStar, 100);
```

```
function multiply(p1, p2) {
   return p1 * p2;
}
```

multiply(4, 5);

Variables





A symbol used to represent a quantity that can change. You can think of these as containers. The container for a variable depends on its data type.

```
var rightArrowPressed = isKeyPressed(Keys.rightArrow);
     f(rightArrowPressed && $this.x()<700){</pre>
       moveX($this);
        if($this.scaleX()<0){</pre>
            $this.scaleX(-$this.scaleX());
        var sp = $this.findName("turtleSprite");
        sp.incrementAnimation();
    var leftArrowPressed = isKeyPressed(Keys.leftArrow);
11 if(leftArrowPressed && $this.x()>100){
       moveX($this, -$this.speedX());
       if($this.scaleX()>0){
            $this.scaleX(-$this.scaleX());
       var sp = $this.findName("turtleSprite");
       sp.incrementAnimation();
17
18 }
```

Variable Types



Boolean



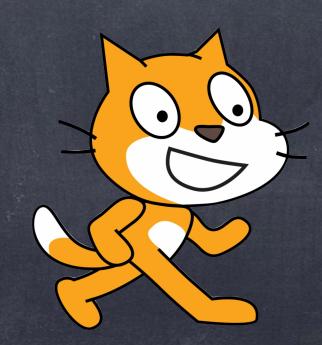


TRUE

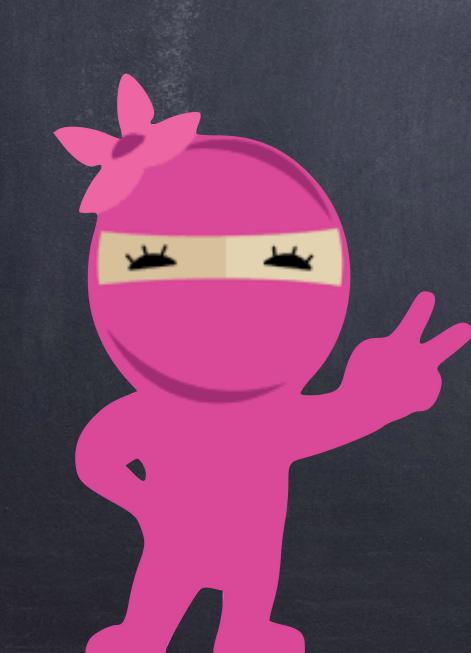
FALSE

"Hello! My Name is Cat!"





LOOPS Anyone remember what they are?



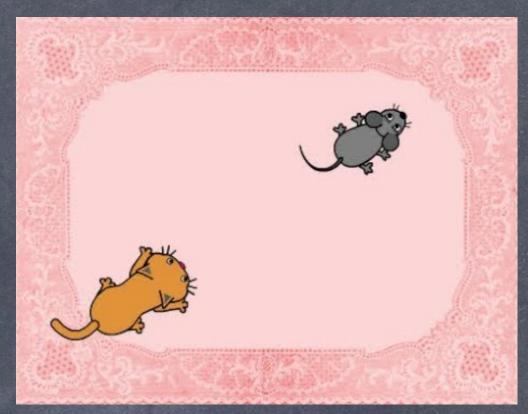


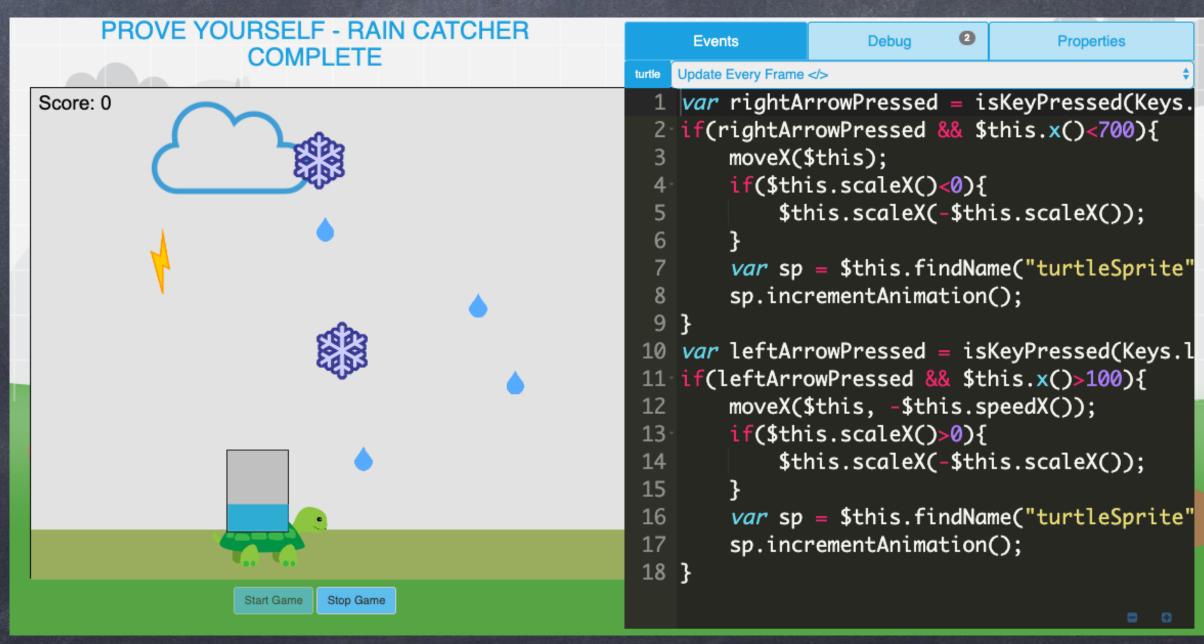
Forever Loop / While Loop

- PRepeats Code Unlimited Times
- @ Good for Player Controls
- @ Animalions or Enemies

forever







real for Local

- @ Complete Actions Specific
 Amount of Times
- ecodfor selup Events
- @ Creale Pallerins







Repeat Until / Do While

- @ Good for Interaction in a Game
- Ptrigger Events in a Game
- 8 Selting a Maximum
- & Creating "Game Over"

repeat until







Ciacsilons

Interactive Time: Can you apply these concepts?



