

Name : _____ Date : _____

A+ Computer Science Ifs Worksheet 1

Directions : Show the output of each block of code below.

1. What is the output?

```
self.yPos = 80
if self.yPos < 0:
    self.yPos = 500
else:
    self.yPos = self.yPos - 10
print(self.yPos)
```

2. If the left arrow key is pressed, what is the output?

```
self.xPos = 250
if event.key == K_RIGHT:
    self.xPos = self.xPos + 25
elif event.key == K_LEFT:
    self.xPos = self.xPos - 25
print(self.xPos)
```

3. What is the output?

```
self.xPos = 100
if self.xPos > 400 and self.xPos < 600:
    print("Center")
elif self.xPos <= 400:
    print("Left")
else:
    print("Right")
```

4. What is the output?

```
grade = 85
if grade >= 70:
    print("Pass")
else:
    print("Fail")
```

5. What is the output?

```
speed = 70
speedLimit = 60
if speed > speedLimit:
    print("Speeding")
else:
    if speed > 40:
        print("Driving")
    else:
        print("Driving slowly")
```