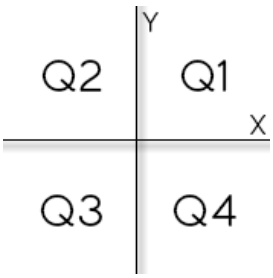
الاسم:

IAP Midterm 2

1. Write an algorithm that reads two floating values (x and y), which should represent the coordinates of a point in a plane. Next, determine which quadrant the point belongs, or if you are over one of the Cartesian axes or the origin (x = y = 0).



If the point is at the origin, write the message "origin".
If the point is on X axis write "X Axis", else if the point is on Y axis write " Y Axis ".

2. Find list of errors in the following program:

```
include <iostream>
using namespace std;

int main ()
{
    integer x=0;
    cin << x;
    if ( x = 1 )
          cout<<”one”;
   else if ( x == 2 )
         cout<<”two”<<endl;
   else    ( x == 3 )
        cout<<”three”<<endl;
   else
        cout<<”out of range”<<endl;
}
```

☺ Best Wishes ☺