FIRIA LABS MISSION 11 LOG

Pre-Mission Preparation

Your cell phone can detect if it is level or tilted. What other devices use some

kind of sensor to determine their orientation? _____

_____

_____

_____

Mission Activity: Objective #1

Use the toolbox to answer this question:

An accelerometer is a sensor chip that lets CodeX detect: _____,

_____ and _____

_____

What are the three axes for orientation? _____

Mission Activity: Objective #2

What does the data from the accelerometer look like: _____

What is this type of data called? _____

What is the code for getting the x value of the accelerometer?

_____

Mission Activity: Objective #3

What module do you need to import to do the trig calculations?

_____

Mission Activity: Objective #6

How do you keep the program from drawing multiple orange balls?

_____

_____

_____

Post-Mission Reflection

What are some ways you can use this program: _____

_____

_____

_____

_____

What is one way you can extend this program, or make it do more than

measure the x tilt? _____

_____

_____

_____

_____