Question 1:

What are the advantages to using object-oriented techniques?

There are several advantages to using object oriented techniques, which are reuse of code thru either inheritance, or by just flat out reusing it; and encapsulation of data and methods to interact with said data

Question 2:

Why is using cloud computing resources sometimes preferable to purchasing all the hardware you need for your own computer?

Cloud computing can be both a cost saving measure (you only pay for the time on the equipment, not for the equipment itself) or it can allow for faster changes to architecture as needed than a physical machine (as in needing more processing power, memory, storage etc.)

Question 3:

What are operating systems?

An operating system is a program that's main purpose is to allocate memory, processing time, and system resources (like Networking, or GPIO Access) to other programs. It may or may not have the ability to take user input, and it may or may not have an interactive GUI﻿.

3.13

1. Multiplication, division, addition, subtraction
2. Modulo, Multiplication, division, addition, subtraction
3. Multiplication, division, addition, multiplication, multiplication