**Problem 1:**

1. What is the difference between an Algorithm and a Program? (a) An algorithm is a conceptual idea, a program is a concrete instantiation of an algorithm.
2. True or False? A computational mode of thinking means that everything can be viewed as a math

problem involving numbers and formulas. True

1. True or False? Computer Science is the study of how to build efficient machines that run programs. False.
2. The two things every computer can do are: (a) Perform calculations and (c) Display results to a screen.
3. In the following numeric expression, what is evaluated first? (c) 4\*a.

**Problem 2:**

1. (a) program.
2. (a) coding
3. (b) hierarchy chart
4. (d) pseudocode
5. © /

**Problem 3:**

