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**Task 1:**

If this program is executed, the system would print the following:

5+7

12

Because the first string is in quotations, it would print whatever is in quotations.

For the second string, because it is not in quotations, it would solve the expression 5+7 which equals 12.

**Task 2:**

The system would print the following:

10

20

50

30

The first two lines print their respective variable as they were stored. For the third line, it utilizes the new value of b and the declared variable for a. For the fourth line, it uses the original values of a and b.

**Task 3:**

The variable “side\_length” has not been declared yet.

**Task 4:**

The program yields the wrong answer because it gives it as an integer. The correct answer, 7.5, is not an integer, it is a float therefore the base, height, and area must be written as double instead of integer.