**Problem Statements**

Write down the steps of execution for each of the following statements.

**Example:**

*x < y \* 2 > y*  
**Sample Input:***x = 2, y = 1*  **Execution Steps:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Step** | **Expression** | **Values** | **Result** |
| *x < y \* 2 > y* | y \* 2 | 1 \* 2 | 2 |
| *x < 2 > y* | x < 2 | 2 < 2 | 0 |
| *0 > y* | 0 > y | 0 > 0 | 0 |

**Final Out:**

*0*

**Question 1**

**Statement:**

*x + 2 \* y – 3 < y \* 2 > y + z <= y \* y*  
**Sample Input:***x = 5, y = 3*  **Execution Steps:**

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| --- | --- | --- | --- |
| **Step** | **Expression** | **Values** | **Result** |
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**Final Out:**

**Question 2**

**Statement:**

*y – x >= y /z + x \* x < 5 \* y – 3 > y <= y \* y – x*  
**Sample Input:***x = 2, y = 1, z = 2*  **Execution Steps:**

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| **Step** | **Expression** | **Values** | **Result** |
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**Final Out:**

**Question 3**

**Statement:**

*a + b – c == b \* c + 1 – c \* b <= b + 2 \* c – a*  
**Sample Input:***a = 1, b = 4, c = 0*  **Execution Steps:**

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| **Step** | **Expression** | **Values** | **Result** |
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**Final Out:**

**Question 4**

**Statement:**

*temp \* area + volume <= volume / width + area != area \* 2 + temp / volume*  
**Sample Input:***temp = 1, volume = 10, area = 6, width = 2* **Execution Steps:**

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| --- | --- | --- | --- |
| **Step** | **Expression** | **Values** | **Result** |
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**Final Out:**