**Boolean Expressions: True or False Statements**

**Look at your code and fill in the following information:**

|  |  |  |
| --- | --- | --- |
|  | **Apple** | **Pear** |
| **X position** |  |  |
| **Y position** |  |  |
| **Scale** |  |  |
| **Rotation** |  |  |

|  |  |
| --- | --- |
| **Symbol** | **Boolean Expression** |
| **==** | “\_\_\_\_\_\_\_\_\_\_\_\_ is equal to \_\_\_\_\_\_\_\_\_\_\_\_” |
| **<** | “\_\_\_\_\_\_\_\_\_\_\_\_ is less than \_\_\_\_\_\_\_\_\_\_\_\_” |
| **>** | “\_\_\_\_\_\_\_\_\_\_\_\_ is greater than \_\_\_\_\_\_\_\_\_\_\_\_” |

|  |  |  |  |
| --- | --- | --- | --- |
| **Boolean Expression** | **With Numbers** | **True or False** | **Verify with Console** |
| 1. apple.scale == pear.scale | **.45 == .45** | **True** |  |
| 2. apple.rotation == pear.rotation |  |  |  |
| 3. apple.x == pear.x |  |  |  |
| 4. apple.y == pear.y |  |  |  |
| 5. pear.x < 400 |  |  |  |
| 6. apple.y > 300 |  |  |  |
| 7. pear.rotation < 0 |  |  |  |
| 8. pear.scale > 30 |  |  |  |
| 9. apple.y > pear.rotation |  |  |  |
| 10. apple.y < apple.x |  |  |  |