Using Scratchpad or the Console (or a mix of both), evaluate all of the given expressions and provide the answer in the spot given. Do not copy and paste from Word to the console.

|  |  |
| --- | --- |
| **EXPRESSION** | **ANSWER** |
| true && true |  |
| true || true |  |
| false && true |  |
| true && false |  |
| false && false |  |
| !false && !true |  |
| !(true && true) |  |
| false || !true |  |
| false || false |  |
| true || false |  |
| (false || true && !false || !true) |  |
| false || true |  |
| true && (false || true) |  |
| (false || (true || (true && false) && false)) |  |
| (true && (false || true && false && (true || false) && true)) |  |
| (true && (false || true && !false && !(true || false) && !true)) |  |
| var age; |  |
| age = 5; |  |
| age < 20 |  |
| age == 20 |  |
| age != 10 |  |
| age >= 1 && age <= 10 |  |
| var dogAge; |  |
| dogAge = 7 |  |
| age + 2 < dogAge / 10 |  |
| (age + 2) < (dogAge / 10) |  |
| age >= 1 && age <= 10 || 5 > dogAge |  |
| age >= 1 || age <= 10 && !(age > dogAge) |  |
| (false || (3 > 10) && (3 <=4) || (3 \* 2 – 3 < 4) || true) |  |
| x = true, y = false, z = true |  |
| x || false |  |
| x && false |  |
| x || y |  |
| !x || !y |  |
| x || y || z |  |
| x && z |  |
| x && y && z |  |
| var letter; |  |
| letter = “a”; |  |
| letter < “b” |  |
| letter == “A” |  |
| “c” >= letter |  |
| var myName; |  |
| myName = “<enter your name>” |  |
| var theirName; |  |
| theirName = “smith” |  |
| myName > theirName |  |
| myName < theirName |  |
| myName < theirName && !(myName + theirName > theirName) |  |