

## Practice Problems on Python Expression Evaluation Using Operators

### Operator Precedence Reminder (High → Low)

1. () or []
2. \*\*
3. ~
4. \*, /, //, %
5. +, -
6. <<, >>
7. &
8. ^
9. |
10. <, <=, >, >=, ==, !=,
11. not
12. and
13. or

### Practice the following questions

1. A = 8 + 6 - 4 % 3 - 7 // 2
2. B = 10 - 3 \* 2 + 8 % 3
3. C = 15 // 4 + 2 \*\* 2 - 3 + True
4. D = 20 % 6 + 4 \* 2 - 5 - False
5. E = 9 + 8 // 3 - 2 \* False \*\* 1
6. F = 5 + 3 \* 2 \*\* 1 > 10 and 8 >> 1 == 4
7. G = not 4 + 2 \* 3 <= 10 and 7 | 2 == 7
8. H = 10 - 3 \* 2 + 8 // 4 < 7 or 5 ^ 1 == 4
9. I = not 5 + 3 \* 2 \*\* 1 < 12 or 16 >> 2 + 1 == 2 and 6 & 2 == 2
10. J = 4 + 3 \* 2 \*\* 2 - 8 // 4 > 10 and not 12 >> 2 == 3 or 5 & 3 == 1