

JS Operators

1. What will be the result of $10 + 5 * 2$? a) 30 b) 20 c) 15 d) 25

Correct: b

2. Which operator is used to compare both value and type in JavaScript? a) ==
b) === c) = d) !=

Correct: b

3. What is the result of `true && false`? a) true b) false c) undefined d) null

Correct: b

4. Which operator is used to assign a value to a variable? a) = b) == c) === d) :=

Correct: a

5. What will $15 \% 4$ return? a) 2 b) 3 c) 4 d) 1

Correct: b

6. What is the result of $8 | 3$? a) 11 b) 2 c) 0 d) 5

Correct: a

7. Which operator decreases a number by one? a) ++ b) -- c) -= d) **

Correct: b

8. What will be the result of `5 == '5'`? a) true b) false c) error d) NaN

Correct: a

9. What is the result of `!true`? a) true b) false c) null d) undefined

Correct: b

10. Which operator is used to combine multiple conditions? a) & b) && c) || d) !!

Correct: b

11. What does $10 ** 2$ evaluate to? a) 100 b) 20 c) 102 d) NaN

Correct: a

12. What is the result of `10 != '10'`? a) true b) false c) error d) NaN

Correct: b

13. Which operator represents bitwise AND? a) & b) && c) || d) %

Correct: a

14. What will $7 ^ 2$ return? a) 5 b) 2 c) 9 d) 4

Correct: a

15. Which operator assigns a variable and adds to it? a) = b) += c) == d) ++
Correct: b
16. What is the result of 20 / 5? a) 4 b) 5 c) 2 d) 0
Correct: a
17. What does 5 > 3 && 2 < 1 evaluate to? a) true b) false c) null d) error
Correct: b
18. What is the result of 12 & 5? a) 4 b) 5 c) 0 d) 1
Correct: a
19. Which operator represents logical OR? a) | b) || c) & d) &&
Correct: b
20. What will 9 % 2 return? a) 0 b) 1 c) 2 d) 9
Correct: b
21. Which operator is used to increment by 1? a) ++ b) -- c) += d) =
Correct: a
22. What is the result of false || true? a) true b) false c) null d) undefined
Correct: a
23. Which operator performs bitwise NOT? a) ! b) ~ c) ^ d) &
Correct: b
24. What will 10 >= 5 return? a) true b) false c) NaN d) error
Correct: b
25. What is the result of 4 * 3? a) 7 b) 12 c) 1 d) 0
Correct: b
26. Which operator checks inequality in value and type? a) != b) !== c) == d) =
Correct: b
27. What is the result of 2 ** 3? a) 8 b) 6 c) 9 d) 5
Correct: a
28. Which operator is used for modulus? a) % b) / c) * d) //
Correct: a
29. What will 14 | 1 return? a) 15 b) 1 c) 0 d) 14
Correct: a

30. What does `10 < 5 || 8 > 6` evaluate to? a) true b) false c) null d) NaN
Correct: a
31. What is the result of `5 & 1`? a) 1 b) 5 c) 0 d) 2
Correct: a
32. Which operator assigns remainder after division? a) `%=` b) `/=` c) `*=` d) `++`
Correct: a
33. What will `6 === '6'` return? a) true b) false c) NaN d) error
Correct: b
34. What is the result of `!false`? a) true b) false c) null d) undefined
Correct: a
35. Which operator represents bitwise XOR? a) `^` b) `&&` c) `||` d) `~`
Correct: a
36. What will `100 / 0` return? a) Infinity b) NaN c) 0 d) error
Correct: a
37. What does `7 >= 7 && 5 < 10` evaluate to? a) true b) false c) null d) error
Correct: a
38. What is the result of `1 | 0`? a) 1 b) 0 c) NaN d) 2
Correct: a
39. Which operator multiplies and assigns value? a) `*=` b) `++` c) `**` d) `=`
Correct: a
40. What will `8 < 6` return? a) true b) false c) null d) undefined
Correct: b