

## 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)

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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