

## JS Operators -2

1. What is the result of `10 % 3`? A) 1 B) 2 C) 3 D) 0  
1. A) 1
2. Which operator is used for exponentiation in JavaScript? A) `^` B) `**` C) `pow()` D) `exp()`  
2. B) `**`
3. What will be the output of `5 + 3 * 2`? A) 16 B) 11 C) 13 D) 10  
3. B) 11
4. What is the result of `'10' - 2` in JavaScript? A) 8 B) "102" C) NaN D) 12  
4. A) 8
5. Which operator increments a variable by 1? A) `--` B) `++` C) `**` D) `//`  
5. B) `++`
6. What does `===` check in JavaScript? A) Value only B) Type only C) Value and type D) None  
6. C) Value and type
7. What will `(5 == '5')` return? A) true B) false C) NaN D) Error  
7. A) true
8. Which comparison operator also checks type? A) `==` B) `===` C) `!=` D) `<=`  
8. B) `===`
9. What is the result of `(10 > 9) && (10 < 20)`? A) true B) false C) NaN D) Error  
9. A) true
10. What is the result of `(5 != 6)`? A) true B) false C) NaN D) undefined  
10. A) true
11. Which operator represents logical AND? A) `&&` B) `||` C) `!` D) `&`  
11. A) `&&`
12. What is the result of `true || false`? A) true B) false C) NaN D) Error  
12. A) true
13. What is the result of `!false`? A) true B) false C) 0 D) 1  
13. A) true
14. Which operator is used for logical OR? A) `&&` B) `||` C) `!` D) `^`  
14. B) `||`
15. What will `(true && false)` return? A) true B) false C) NaN D) undefined  
15. B) false
16. What is the result of `5 & 1`? A) 1 B) 0 C) 5 D) NaN  
16. A) 1

17. What is the result of  $5 \mid 2$ ? A) 7 B) 2 C) 1 D) 0  
17. A) 7
18. What does  $5 \wedge 1$  evaluate to? A) 4 B) 5 C) 6 D) 7  
18. A) 4
19. Which bitwise operator shifts bits to the left? A)  $\gg$  B)  $\ll$  C)  $\&$  D)  $\mid$   
19. B)  $\ll$
20. What is the result of  $\sim 5$ ? A) -6 B) 6 C) 4 D) -5  
20. A) -6
21. Which operator assigns a value to a variable? A)  $=$  B)  $==$  C)  $===$  D)  $=>$   
21. A)  $=$
22. What does  $+=$  operator do? A) Adds right to left B) Subtracts right from left C) Assigns only D) None  
22. A) Adds right to left
23. If  $x = 10$ ;  $x -= 3$ ; what is  $x$ ? A) 7 B) 13 C) 3 D) 5  
23. A) 7
24. If  $y = 4$ ;  $y *= 2$ ; what is  $y$ ? A) 8 B) 2 C) 6 D) 4  
24. A) 8
25. If  $z = 8$ ;  $z /= 2$ ; what is  $z$ ? A) 4 B) 2 C) 8 D) 16  
25. A) 4
26. What is the result of  $(10 == '10')$ ? A) true B) false C) Error D) NaN  
26. A) true
27. Which operator returns remainder after division? A)  $\%$  B)  $/$  C)  $//$  D)  $\text{mod}()$   
27. A)  $\%$
28. What is the result of  $(\text{true} \mid \mid \text{false} \&\& \text{false})$ ? A) true B) false C) undefined D) Error  
28. A) true
29. Which operator in JS is used for exponentiation? A)  $\wedge$  B)  $**$  C)  $\text{pow}()$  D)  $\text{exp}()$   
29. B)  $**$
30. If  $a = 6$ ;  $a \% = 4$ ; what is  $a$ ? A) 0 B) 2 C) 4 D) 6  
30. B) 2
31. What does  $(2 \ll 1)$  evaluate to? A) 4 B) 2 C) 8 D) 6  
31. A) 4
32. What does  $(8 \gg 2)$  evaluate to? A) 2 B) 4 C) 8 D) 1  
32. A) 2
33. Which operator checks inequality without type conversion? A)  $!=$  B)  $!=$  C)  $==$  D)  $===$   
33. A)  $!=$

34. What is (false == 0)? A) true B) false C) undefined D) NaN

34. A) true

35. Which logical operator returns true if exactly one condition is true? A) && B) || C) ^ D) !=

35. C) ^

36. What does (3 \*\* 2) return? A) 6 B) 9 C) 8 D) 7

36. B) 9

37. If b = 5; b &= 3; what is b? A) 1 B) 5 C) 7 D) 3

37. A) 1

38. What is (~0)? A) -1 B) 0 C) 1 D) NaN

38. A) -1

39. Which operator is used to assign if value is null or undefined (ES2020)? A) ?? B) || C) && D) =>

39. A) ??

40. What will (null == undefined) return? A) true B) false C) undefined D) NaN JS Operators – 2

40. A) true