Arithmetic Operators Practice Quiz

1. What is the output of 3 + 5 * 2?

a) 16   b) 13   c) 10   d) 8

2. What is the result of 15 // 4?

a) 3.75   b) 4   c) 3   d) 2

3. Which operator is used for exponentiation?

a) ^   b) **   c) //   d) exp

4. What does 7 % 4 return?

a) 3   b) 1   c) 4   d) 0

5. What is the result of 10 / 3?

a) 3   b) 3.0   c) 3.33   d) 10

6. What does the expression -5 + 10 evaluate to?

a) 5   b) -5   c) 10   d) -10

7. What is the precedence of ** compared to +?

a) Higher   b) Lower   c) Equal   d) Undefined

8. What is the result of 8 // 3?

a) 2.67   b) 2   c) 3   d) 8

9. How is modulus represented in Python?

a) /   b) %   c) //   d) mod

10. What does 3 ** 3 evaluate to?

a) 9   b) 27   c) 33   d) 3

11. Which operation has the lowest precedence?

a) +   b) /   c) **   d) ()

12. What is the output of -3 ** 2?

   a) 9   b) -9   c) -6   d) Undefined

13. What is the result of 7 % 2?

   a) 3   b) 0   c) 1   d) 2

14. Which of the following is a floor division operator?

   a) /   b) //   c) %   d) **

15. What does 10 - 3 * 2 evaluate to?

   a) 14   b) 4   c) 16   d) -10

16. What is the result of 10 / 2 + 3?

   a) 3   b) 8   c) 5   d) 7

17. Which arithmetic operator is right-associative?

   a) +   b) *   c) /   d) **

18. What does 2 + 3 * 4 return?

   a) 20   b) 14   c) 24   d) 10

19. What is the result of 8 % 3?

   a) 2   b) 3   c) 1   d) 8

20. What does 10 // 3 evaluate to?

   a) 3.33   b) 4   c) 3   d) 10

21. What is the value of 4 ** 0.5?

   a) 4   b) 2   c) 16   d) 0.5

22. Which of the following is not an arithmetic operator in Python?

   a) //   b) **   c) and   d) %

23. What is the output of 3 + 5 % 2?

   a) 1   b) 8   c) 4   d) 5

24. What does 4 / 2 return?

a) 2   b) 2.0   c) 4   d) 0

25. How can you calculate the remainder of a division in Python?

a) /   b) //   c) %   d) **

26. What is the output of (10 + 2) * 3?

a) 30   b) 36   c) 40   d) 12

27. What does 2 ** 3 ** 2 return?

a) 512   b) 64   c) 8   d) 729

28. What is the output of 10 % 10?

a) 0   b) 10   c) 1   d) Undefined

29. What does 7 // 3 return?

a) 2   b) 2.33   c) 3   d) 1

30. Which operator is used for floor division?

a) **   b) //   c) %   d) /

31. What is the output of -10 + 2 * 3?

a) 16   b) -16   c) -4   d) -2

32. What is the output of 5 * 2 + 3?

a) 13   b) 10   c) 15   d) 8

33. What does 8 / 4 / 2 return?

a) 4   b) 1   c) 2   d) 8

34. What is the result of 2 * (3 + 4)?

a) 14   b) 8   c) 16   d) 7

35. What does 10 // 3.0 return?

a) 3   b) 3.0   c) Error   d) 3.33

36. What is the result of 9 % 3?

   a) 0   b) 1   c) 3   d) Undefined

37. What does 5 ** 0 return?

   a) 5   b) 0   c) 1   d) Undefined

38. What does 15 // 2 evaluate to?

   a) 7   b) 7.5   c) 8   d) 6

39. What is the result of 2 * 3 + 4?

   a) 14   b) 10   c) 12   d) 20

40. What does 5 % 2 return?

   a) 0   b) 1   c) 2   d) 5

41. What does (2 + 3) * 4 return?

   a) 20   b) 14   c) 24   d) 10

42. What does 3 * 2 ** 2 evaluate to?

   a) 36   b) 12   c) 24   d) 9

43. What is the output of 4 % 2?

   a) 2   b) 4   c) 0   d) Undefined

44. What is the result of -5 * 2?

   a) 10   b) -10   c) -7   d) -3

45. Which operation is evaluated first in 2 + 3 * 4?

   a) Addition   b) Multiplication   c) Subtraction   d) None

46. What does 3 ** 1 return?

   a) 0   b) 3   c) 1   d) Undefined

47. What does 8 // 3.0 return?

   a) 2.0   b) 2   c) 3   d) Error

48. Which operator calculates the remainder?

a) /   b) %   c) **   d) //

49. What is the result of 10 + 2 * 5?

a) 20   b) 30   c) 25   d) 15

50. What does 3 * (4 + 2) evaluate to?

a) 12   b) 18   c) 24   d) 14