Destructuring quiz

1. What is a set in JavaScript?

- A collection of unordered, unique elements
- A collection of ordered, unique elements
- A collection of unordered, non-unique elements
- A collection of ordered, non-unique elements

2. How can you create a set in JavaScript?

- Using the Array constructor
- Using the Set constructor
- Using the Object constructor
- Using the String constructor

3. How can you add an element to a set in JavaScript?

- Using the push() method
- Using the insert() method
- Using the add() method
- Using the concat() method

4. How can you check if an element is present in a set in JavaScript?

- Using the contains() method
- Using the has() method
- Using the find() method
- Using the includes() method

5. What is the difference between a set and an array in JavaScript?

- A set can only contain unique elements, whereas an array can contain duplicates
- A set is ordered, whereas an array is unordered
- A set is mutable, whereas an array is immutable
- A set is a primitive data type, whereas an array is an object

6. What is a map in JavaScript?

- A collection of ordered, unique elements
- A collection of unordered, unique elements
- A collection of ordered, non-unique elements
- A collection of unordered, non-unique elements

7. How can you create a map in JavaScript?

- Using the Array constructor
- Using the Object constructor
- Using the Map constructor
- Using the String constructor

8. How can you add a key-value pair to a map in JavaScript?

- Using the set() method
- Using the add() method
- Using the push() method
- Using the insert() method

9. How can you get the value of a specific key in a map in JavaScript?

- Using the get() method
- Using the valueOf() method
- Using the find() method
- Using the includes() method

10. What is the difference between a map and an object in JavaScript?

- A map can only have string keys, whereas an object can have any type of key
- A map is ordered, whereas an object is unordered
- A map is a primitive data type, whereas an object is an object
- A map is more efficient for large amounts of data and frequent key-based operations than an object

11. What is the spread operator in JavaScript?

- An operator used to combine arrays
- An operator used to spread arrays into individual elements
- An operator used to create a new array
- An operator used to remove elements from an array

12. What is the syntax for the spread operator in JavaScript?

- ..
- *
- ^
- %

13. What is the rest operator in JavaScript?

- An operator used to combine arrays
- An operator used to spread arrays into individual elements
- An operator used to create a new array
- An operator used to collect all remaining arguments into an array

14. What is the syntax for the rest operator in JavaScript?

- ...
- *
- ^
- %

15. How can you use the spread operator to concatenate arrays in JavaScript?

- arr1.push(...arr2)
- arr1.unshift(...arr2)
- arr1.concat(...arr2)
- arr1.join(...arr2)

16. What is object destructuring in JavaScript?

- It's a way to define a new object
- It's a way to extract properties from an object and create variables with those values
- It's a way to remove properties from an object.
- None of the above.

17. Which of the following is an example of object destructuring in JavaScript?

- let { x, y } = { x: 1, y: 2 }
- let { x, y } = [1, 2]
- let x = { x: 1, y: 2 }
- None

18. What happens if you try to destructure a non-existent property from an object?

- An error is thrown
- The variable is assigned the value of undefined
- The variable is assigned a default value

19. Which of the following is an example of default values in object destructuring?

- let { x = 1, y = 2 } = { x: 3 }
- let { x, y = 1 } = { x: 2 }
- let { x, y } = { x: 2 }

20. Can you use object destructuring with nested objects?

- Yes
- No

21. What is array destructuring in JavaScript?

- It's a way to define a new array
- It's a way to extract elements from an array and create variables with those values
- It's a way to remove elements from an array

22. Which of the following is an example of array destructuring in JavaScript?

- let [x, y] = { x: 1, y: 2 }
- let [x, y] = [1, 2]
- let [x, y] = 1, 2

23. What happens if you try to destructure more elements from an array than there are elements in the array?

- An error is thrown
- The extra variables are assigned the value of undefined
- The extra variables are not created

24. Which of the following is an example of default values in array destructuring?

- let [x = 1, y = 2] = [3]
- let [x, y = 1] = [2]
- let [x, y] = [2]

25. Can you use array destructuring with nested arrays?

- Yes
- No