Quiz

A short quiz to test your understanding of Classes in the ES6 version of JavaScript.

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1 The `constructor` is used to initialize the properties of the class.

○ A) True

○ B) False

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2 The class declaration creates a function as an end result.

○ A) True

○ B) False

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3 What is the error in the following code?

```
class Shape{
  constructor(name,sides,length){
    this.name = name,
    this.sides = sides,
    this.length = length
```

```
        }
        displayName() {

            return this.name
        },
        displaySides(){
            return this.sides
        }
    }
    var shape1 = new Shape('Square',4,10)
```

○ A) The class declaration should be as `class shape = { }` instead.

○ B) `this` should be replaced with `var` in the body of the constructor.

○ C) A comma cannot be used to separate the members of a class.

○ D) `displayName` function cannot access `name` directly.

4 Methods defined inside the class are assigned to the `prototype` of the class.

○ A) True

○ B) False

5

Methods inside the class that are assigned to the `prototype` of the class are known as static methods.

○ A) True

○ B) False

6

Static methods cannot be inherited by the objects of the class.

○ A) True

○ B) False

7

What is the error in the following code?

```
class Shape{
   constructor(name,sides,length){
      this.name = name,
      this.sides = sides,
      this.length = length
   }
   static displayName() {
   return this.name
   }
}
var shape1 = new Shape('Square',4,10)
shape1.displayName()
```

A) Class declaration is incorrect.

B) `var` should be used instead of `this` in the constructor.

C) Properties in the constructor should be separated by commas.

D) The function `displayName` should be called from the class `Shape` instead of the object `shape1`.

CHECK ANSWERS