

Map, Filter, and Reduce are array methods that each return a new array.

Select one:

True

■ False

Correct. Map and Filter both return new arrays, but Reduce returns a single value.

The correct answer is 'False'.



Mark 1.00 out of 1.00

Which of the following is a correct way to create an object?

Select one:

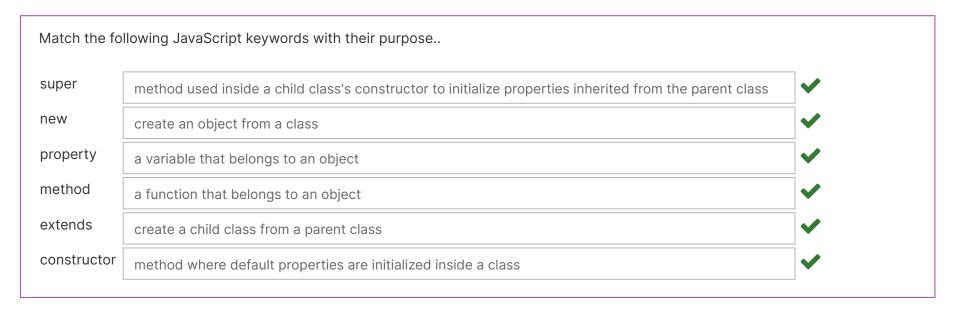
- a. const fruit1 = { type = apple; color = red }
- b. const fruit1 = { type: "apple"; color: "red" };
- c. const fruit1 = { type = "apple", color = "red" };
- d. const fruit1 = ["type": "apple", "color": "red"];
- e. const fruit1 = { type: "apple", color: "red" };

Correct!

Your answer is correct.

The correct answer is: const fruit1 = { type: "apple", color: "red" };

Question 3	
Correct	
Mark 3.00 out of 3.00	



Your answer is correct.

The correct answer is: super \rightarrow method used inside a child class's constructor to initialize properties inherited from the parent class, new \rightarrow create an object from a class, property \rightarrow a variable that belongs to an object, method \rightarrow a function that belongs to an object, extends \rightarrow create a child class from a parent class, constructor \rightarrow method where default properties are initialized inside a class

Question 4
Correct
Mark 1.00 out of 1.00

If the following object is created:

```
const horse = {
   trot() {
      console.log("The horse begins to trot.");
      return this;
   },
   gallop() {
      console.log("The horse begins to gallop.")
   }
}
```

Will the following code work without any errors? Answer True for yes and False for no.

```
horse.gallop().trot();
```

Select one:

True

False

Correct. The gallop() method does not return a value and cannot be chained to.

The correct answer is 'False'.

Question 5
Correct
Mark 1.00 out of 1.00

Given the following object:

```
const instrument = {
   type: "string",
   name: "ukulele"
};
```

Which of the following is a valid way to access the value of the name property?

Select one:

- a. instrument[name]
- b. instrument(name)
- c. instrument.name
- d. instrument.name()

Correct. This is the dot notation syntax most widely used to access object properties.

Your answer is correct.

The correct answer is: instrument.name

Question **6**

Correct

Mark 1.00 out of 1.00

Given the following array of objects:

```
const myPets = [ {
    id: 0,
    type: "iguana",
    name: "Iggy"
    },
    { id: 1,
        type: "cricket",
        name: "Jiminy"
    },
    {
        id: 2,
        type: "rabbit",
        name: "Hazel"
    }
];
```

Choose the correct method below to extract the object with the name property matching "Hazel". The return value should be the single object only.

Select one:

- \bigcirc a. myPets.map(pet \Rightarrow pet.id === 2)[0];
- b. myPets.filter(pet ⇒ pet.id === 2);
- c. myPets.filter(pet \Rightarrow pet.id === 2)[0];

Correct! The filter method will return a new array with the matching id. Od. myPets.map(pet ⇒ pet.name === "Hazel");

Your answer is correct.

The correct answer is: myPets.filter(pet \Rightarrow pet.id === 2)[0];

