

# ← React test #1. Components

📅 2023-03-13 03:00 → 2023-03-20 02:59

Description: <https://github.com/rolling-scopes-school/tasks/tree/master/react/modules/module01>

📘 You must score at least 70% of points to pass. You have only 2 attempts.

Attempts: 2 attempts left.

To submit the task answer the questions.

## 1. setState() - synchronous or asynchronous method?

- ☐ synchronous
- ☒ asynchronous
- ☐ It depends. Can be both

## 2. What are synthetic events in react?

- ☒ Synthetic events are the wrapper for DOM events
- ☐ Just other name for DOM events
- ☐ Synthetic events in React does not exist

## 3. What is the virtual DOM?

- ☐ Document Object Model - it is a structured representation of the HTML elements that are present in a webpage or web-app.
- ☒ Copy of the actual DOM
- ☐ Document Object Model in an array with keys

## 4. What is Jest?

- ☒ JavaScript testing framework
- ☐ Testing framework for React and React Native
- ☐ A piece of tin

## 5. What is the key attribute for when rendering lists?

- ☐ This is the name of the index in react arrays
- ☒ A "key" is a special string attribute
- ☐ A "key" is a special number attribute

## 6. What is ReactJS?

- ☐ Website programming language
- ☒ JavaScript library
- ☐ Name for the latest version of JavaScript

## 7. Is it possible to use React without JSX?

- ☒ Yes
- ☐ No

## 8. What is React Router?

- ☐ Part of the Webpack
- ☐ Part of the ParcelJS
- ☒ Library for routing in React
- ☐ Library for routing in JS
- ☐ Webpack and Parcel Configuration Library

## 9. When was React first released?

- ☐ 2003
- ☐ 2009
- ☒ 2013
- ☐ 2017

**10. What are the lifecycle steps of React?**

- ☒ Mounting, Update, Unmount
- ☐ Definition, Declaration, Initialization
- ☐ Propagation, Capturing, Bubbling
- ☐ Create, Read, Update, Delete

**11. What are React Components?**

- ☐ Each individual file in the web-application
- ☐ This is the name of the classes in the React
- ☒ Independent and reusable bits of code
- ☐ Pages with your own url

**12. Is it a good idea to use Math.random for keys?**

- ☐ Yes. Math.random generates unique attributes
- ☐ No. Index is better for
- ☐ Yes. Other reason
- ☒ No. Other reason

**13. What is Redux?**

- ☐ A library that works with a React code
- ☐ A library that works with a JavaScript code
- ☐ A library that works with a Angular code
- ☒ The three answers are correct
- ☐ The three answers are incorrect

**14. What is JSX?**

- ☐ JavaScript tenth version
- ☐ JavaScript eXtensible
- ☐ JavaScript lateX
- ☒ JavaScript XML

**15. Does React use HTML?**

- ☐ No. But in an HTML file, you can use a React
- ☐ No. React uses JSX
- ☐ Yes. react is a web technology, and the web uses HTML
- ☐ Yes. Other reason

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