



EDGE

TP005 React (2309) / √ Quiz: Components and Props



# ✓ Quiz: Components and Props

Started on	Tuesday, 19 September 2023, 1:10 PM
State	Finished
Completed on	Tuesday, 19 September 2023, 1:13 PM
Time taken	2 mins 41 secs
Marks	7.00/8.00
Grade	8.75 out of 10.00 (87.5%)

Support

## Question 1

Correct

Mark 1.00 out of 1.00

Flag question

True or False: A component's name must start with a capital letter.

Select one:

■ True

False

If a component is rendered using JSX, the name of that component must begin with a capital letter or React will throw an error as an unrecognized tag. By convention, only HTML elements and SVG tags can begin with a lowercase letter.

## Question 2

Correct

Mark 1.00 out of 1.00

Flag question

How would one component call another component named Example?

Select one:

- <example />
- Example
- Example()

### Question 3

Correct

Mark 1.00 out of 1.00

Flag question

Why is it better to use fragments rather than container divs?

Select all appropriate answers:

- Fragments are a bit faster and use less memory by not creating an extra DOM node.
- Fragments make the DOM Inspector less cluttered.
- Fragments make it easier to work with CSS layout mechanisms like CSS Grid and CSS Flexbox.
- Fragments are semantic HTML

## Question 4

Correct

Mark 1.00 out of 1.00

Flag question

Select the two ways in which props can be accessed in a functional component.

Select all appropriate answers:

- The \_this\_ keyword
- Object dot notation
- Object destructuring
- Array destructuring

Props can be accessed or consumed in the component by using Object dot notation ( {props.name} ) or Object destructuring ( {name} ).

### Question 5

Correct

Mark 1.00 out of 1.00

Flag question

True or False: Components allow React developers to split the UI into independent, reusable pieces of code.

Select one:

- True ✓
- False

## Question 6

Correct

Mark 1.00 out of 1 00

Flag question

True or False: A common pattern in React is for a component to return multiple elements. Fragments allow the developer to group a list of children without adding extra nodes to the DOM.

Select one:

- True
- False

#### Question 7

Incorrect

Mark 0.00 out of 1.00

Flag question

Which of the following statements best defines props in React?

## Select one:

- Props are a plain JavaScript array holding data passed down from the component's parent.
- Props are a plain JavaScript array holding data managed within the component, preserved by React after the component is rendered.
- Props are a plain JavaScript object holding data managed within the component, preserved by React after the component is rendered.
- Props are a plain JavaScript object holding data passed down from the component's parent.

True or False: A component can modify its own props?

