Components and Props Quiz

Due No due date **Points** 11 **Questions** 11 **Time Limit** None

Allowed Attempts 3

Instructions

(https://github.com/learn-co-curriculum/phase-2-quiz-components-and-props/issues/new)

It's time to check your knowledge! Use this quiz to create a custom study guide. Note any answers that were marked incorrect, so you can study the relevant material and try this quiz again.

If you don't know the answer to a question, please do not guess. Instead, select "I don't know". It's OK not to know everything and to admit when we're unsure.

Take the Quiz Again

Attempt History

	Attempt	Time	Score
LATEST	Attempt 1	7 minutes	8 out of 11

(!) Answers will be shown after your last attempt

Score for this attempt: 8 out of 11

Submitted May 8 at 1:11pm This attempt took 7 minutes.

Question 1 1/1 pts

I want to render the Card component inside of my Container component. How would I properly export the Card component? Select all that apply.

```
);
     function Card({ title, subtitle }) {
       return (
         <div>
           <h1>{title}</h1>
           {subtitle}
         </div>
       );
     }
     export default Card;
  Correct! We can use the export default keywords to export a
  variable, and import it with import.
     export default function Card({ title, subtitle }) {
       return (
         <div>
           <h1>{title}</h1>
           {subtitle}
         </div>
       );
  Correct! We can use the export default keywords to export a
  variable or function, and import it with import.
     function Card({ title, subtitle }) {
       return (
         <div>
           <h1>{title}</h1>
           {subtitle}
         </div>
       );
     export cardComponent;
I don't know.
Source/s:

    Organizing Code with Import/Export
```

https://moringa.instructure.com/courses/15/quizzes/77?module_item_id=1289

Question 2 1/1 pts

I want to render the Card component inside of my Container component. How would I properly import the Card component?

```
// src/App.js
import { Card } from "./Card";
```

export default Card;

```
// src/App.js
import default Card from './Card'
```

```
// src/App.js
import Card from "./Card";
```

Correct! When importing a **default export**, we use the **default import** syntax along with a relative path to the file where the export is declared.

I don't know.

Source/s:

Organizing Code with Import/Export

Question 3 1/1 pts

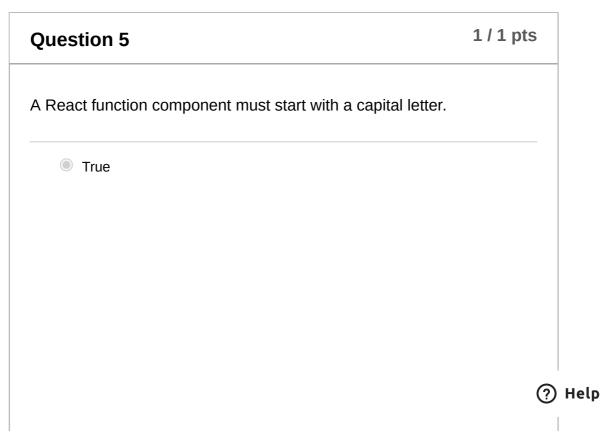
Which of the following components are valid? Select all that apply.

Source/s:

- React Components Basics
- Props Destructuring and Default Values

Incorrect

Question 4	0 / 1 pts
A React component is a function that takes in arguments returns elements .	and
Answer 1: arguments	
Answer 2: elements	
Be sure to study the source/s for this question. You'll get time.	t it next
Source/s: • React Components Basics	



Correct! React differentiates between a component and a regular DOM element based on capitalization. For example, making an <article> component with a lowercase name wouldn't work:

Trying to render this component would result in React rendering an <article> HTML element (https://developer.mozilla.org/en-US/docs/Web/HTML/Element/article) instead of the <article> component.

Using an uppercase name for the function fixes this problem:

False

Source/s:

React Components Basics

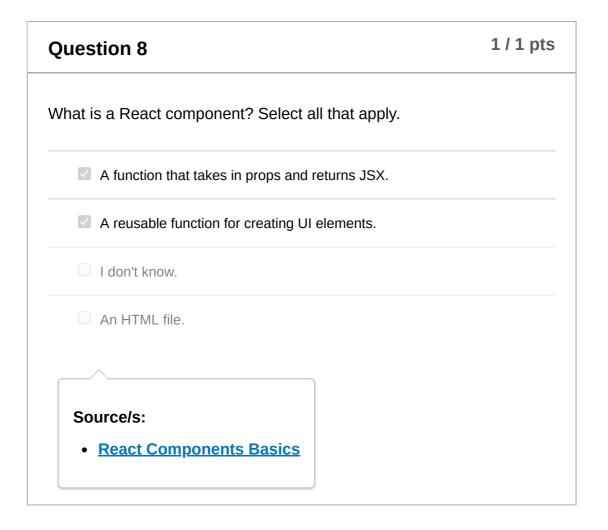
Question 6 1/1 pts

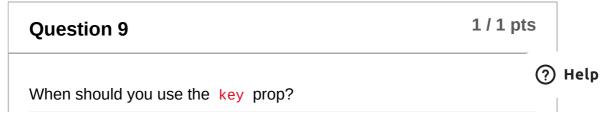
Given the following code, what would appear in the console?

```
function Parent() {
  const header = "Hello";
  const contents = "World";
  return <Child title={header} body={contents} minutesToRe</pre>
}
function Child(props) {
  console.log(props);
  // ... return JSX
         title: "Hello",
         body: "World",
         minutesToRead: 10
  Correct! The props parameter in every component is an object of
    key/value pairs based on the attributes assigned by the parent
    component.
  I don't know.
        header: "Hello",
         contents: "World",
         minutesToRead: 10
         title: "header",
         body: "contents",
         minutesToRead: 10
  Source/s:

    Props Basics
```

Question 7	1 / 1 pts
We use to pass data into a component.	
Props	
Source/s:	
• Props Basics	





When rendering an array of components. Correct! The key prop is a special prop that React uses to help optimize performance when rendering arrays of components. Any time map is used in a component.	When rendering an array of components. Correct! The key prop is a special prop that React uses to help optimize performance when rendering arrays of components.		
Correct! The key prop is a special prop that React uses to help optimize performance when rendering arrays of components.	Correct! The key prop is a special prop that React uses to help optimize performance when rendering arrays of components.	If two components are siblings.	
optimize performance when rendering arrays of components.	optimize performance when rendering arrays of components.	When rendering an array of components.	
			-
		Any time .map is used in a component.	
		Source/s:	
ource/s:	Source/s:	704100701	

Incorrect

Which of the following are true of JSX? Select all that apply. | I don't know. | | JSX is an abstraction of the DOM. | | JSX and HTML are interchangeable. | | JSX stands for JavaScript XML. | | JSX is a valid form of JavaScript syntax. | | On its own, JSX isn't valid JavaScript and is not part of the language. JSX must be transpiled into valid JavaScript using a tool like Babel.

Source/s:

• Writing JSX

Incorrect

Question 11

0 / 1 pts

The following is a valid React component:

```
function App() {
  return (
         <Article />
         <Comment />
    );
}
```

- False
- Yes

A component can only return one element. We'd need to wrap the returned components in an enclosing tag or a Fragment (https://reactjs.org/docs/fragments.html) like this to make it valid:

Source/s:

• Writing JSX

Quiz Score: 8 out of 11

