

Module Quiz

1. Why is React using the concept of components?

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- ☐ It improves the styling of your pages.
- ☒ It allows you to build more modular apps.
- ☐ It allows the browser to render your pages faster.
- ☐ It helps accessibility readers for people who are visually impaired.
- ☒ **Correto**
Correct! Components make React apps a lot more modular.

2. What is the absolute minimum code that a component must have to be able to show something on a screen when rendered?

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- ☐ A named function declaration.
- ☐ A named function declaration and some variables in the function's body.
- ☐ A named function declaration and an array of items inside of the function's body.
- ☒ A named function declaration and a return statement with at least a single element with some text inside of it.
- ☒ **Correto**
Correct! This is the absolute minimum of code a component must have to end up being rendered in the browser.

3. What are the benefits of using props?

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- ☐ Props allow developers to write custom HTML tags.
- ☒ Props allow parent components to pass data to children components.
- ☐ Props allow children components to update the values of each prop independent from their parent component.
- ☒ **Correto**
That's correct! Props facilitate the passing of data from parents to children components.

4. You are tasked with building a web layout using React. The layout should have a header, a footer, and three products showing various data in the main part of the page. Choose the preferred component structure.

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- ☒ It should have the following components: Header, Main, Product, Footer (with the Product component being imported into Main and rendered three times).
- ☐ It should all fit into a single component named App component.
- ☐ It should have a separate component for each link, paragraph, heading, etc.
- ☒ **Correto**
That's correct. Having such component structure would make all the building blocks of your React app at a correct amount of modularity.

5. Which of the following keywords can you usually find in a React component?

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- ☒ function, props, return, export, default
- ☐ modular, expression, prop, default
- ☐ module, function, prop, exported, default
- ☐ function, props, export, import, contain
- ☒ **Correto**
That's correct! These are all valid keywords, and they are commonly found in most React components.

6. What is create-react-app?

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- ☒ It's an npm package used to build a boilerplate React app.
 - ☐ It's a command you run when you want to serve your app in the browser.
 - ☐ It's a command you can use in a component.
 - ☐ It's a stand-alone application on the web.
- ✓ **Correto**
That's correct! The create-react-app is a npm package that you can use to build a boilerplate React app.

7. Imagine you want to build a brand new React app, named "example". Choose the correct command to build a starter React app to work off of. 1 / 1 ponto

- ☐ npm install react-app example
 - ☒ npm init react-app example
 - ☐ node init react-app example
 - ☐ npm initialize react-app example
- ✓ **Correto**
Correct! Using this command, you'll build a brand-new boilerplate React app, named "example".

8. True or false? When you write arrow functions, for any number of parameters other than a single parameter, using parentheses around parameters is compulsory. 1 / 1 ponto

- ☒ True.
 - ☐ False
- ✓ **Correto**
Correct! When you write arrow functions, for any number of parameters other than a single parameter, using parentheses around parameters is compulsory.

9. True or false? You can use function calls in JSX. 1 / 1 ponto

- ☒ True
 - ☐ False
- ✓ **Correto**
Correct! You can use function calls in JSX.

10. True or false? When an arrow function has a single parameter, you do not need to add parentheses around the item parameter (to the left of the arrow). 1 / 1 ponto

- ☒ True
 - ☐ False
- ✓ **Correto**
Correct. When an arrow function has a single parameter, you do not need to add parentheses around the item parameter (to the left of the arrow).