

1. If a library depends on another library, it forms a \_\_\_\_\_.

1 / 1 punto

- ☐ Framework Tree
- ☒ Dependency Tree
- ☐ Dependency Document
- ☐ Library Box

✓ **Correcto**

That's correct! A dependency tree represents how libraries depend on other libraries.

2. How many columns does Bootstrap's responsive grid consist of?

1 / 1 punto

- ☐ 10
- ☐ 8
- ☐ 14
- ☒ 12

✓ **Correcto**

That's correct! Bootstrap uses a 12 column responsive grid.

3. To change the style of a Bootstrap component, you use \_\_\_\_\_.

1 / 1 punto

- ☐ an infix
- ☒ a modifier

✓ **Correcto**

That's correct! Modifiers are used to change a component's style.

4. To improve performance, web servers can keep a copy of dynamic content in a \_\_\_\_\_.

1 / 1 punto

- ☐ Cloud
- ☒ Cache
- ☐ DOM

✓ **Correcto**

That's correct! Dynamic content can be stored in a cache and updated based on time and/or user interaction.

5. What are the two main approaches for serving code and resources in a Single Page Application called? Select two. 1 / 1 punto

- ☐ Packets
- ☒ Bundling

✓ **Correcto**

That's correct! Assets, code and dependencies are bundled into a single file and loaded by the application.

- ☐ Code Boxing
- ☒ Code Splitting

✓ **Correcto**

That's correct! Large applications can be split into multiple bundles that are loaded as required by the application.

6. React is a \_\_\_\_\_ that can be used to create single page applications. 1 / 1 punto

- ☒ Library
- ☐ Framework

✓ **Correcto**

That's correct! React is a library that can be used to build single page applications.

7. Components allow developers to improve development efficiency by reusing code.

1 / 1 punto

- ☒ True
- ☐ False

✓ **Correcto**

That's correct! Components can be reused in multiple parts of your application.

8. A React application is built up of a tree of components called the Component \_\_\_\_\_.

1 / 1 punto

- ☐ Branch
- ☐ Root
- ☒ Hierarchy
- ☐ Library

✓ **Correcto**

That's correct! The Component Hierarchy is a tree of components starting with the Root Component.