

## QUIZ

Which of the following statements is false?

To import React, use the code `import React from 'react';`

React is a JavaScript library.

The React library contains methods that are meant for interacting with the DOM.



You got it! The library that contains methods that are meant for interacting with the DOM is ReactDOM.

You can't use JSX until you've imported React.

Why won't this render?

```
import React from 'react';
import ReactDOM from 'react-dom';

class Tubes extends React.Component {
  render() {
    return
    <div>
      <h1>Welcome to the Internet!</h1>
      <h2>Home of the world wide web</h2>
    </div>
  }
}

ReactDOM.render(<Tubes />, document.getElementById('app'));
```

The JSX expression has more than one outermost element.

The outermost JSX element needs to be wrapped in parentheses.



Correct!

Which of the following answers is the correct way to get `<img />` to render with `fuzzyFox`'s properties?

```
import React from 'react';
import ReactDOM from 'react-dom';

const fuzzyFox = {
  src: 'http://some.url',
  alt: 'Fuzzy Fox'
};

class FuzzyFox extends React.Component {
  render() {
    return(
      <div>
        <h1>Friendly Fuzzy Fox</h1>
        <img />
      </div>
    );
  }
}
```

```
<img
  src={fuzzyFox.src}
  alt={fuzzyFox.alt}
/>
```



Correct!

Which statement best describes a component class?

A category within the socioeconomic heirarchy of React components.

A factory that mass-produces React components according to a blueprint.



Correct!

A React component that divides into other React components.

An artisan who painstakingly crafts React components, each one being unique.

The following code is supposed to render 100 to the screen, but it won't work for some reason. What must be changed in order to get 100 to render?

```
import React from 'react';
import ReactDOM from 'react-dom';

class FavoriteNumber extends React.Component {
  render() {
    const fave = 100;
    return <h1>fave</h1>;
  }
}

ReactDOM.render(<FavoriteNumber />, document.getElementById('app'));
```

In the `return` statement, wrap `fave` in curly braces.



Correct! `fave` needs to be wrapped in curly braces because it is JavaScript that is nested inside of a JSX expression.

Which line of code is used to create a component class?

`React.createElement()`

`class MyComponentClass extends React.Component {}`



Correct!

`Class MyComponentClass extends React.Component {}`

`ReactDOM.render()`

Replace the question marks so that `<Example />` renders `<h1>Yo!</h1>`.

```
class Example extends React.Component {  
  get greeting() {  
    return 'Yo!';  
  }  
  
  render() {  
    ???  
  }  
}
```

```
return <h1>{this.greeting}</h1>;
```



You got it!

How do you render a component instance?

```
ReactDOM.render(<MyComponentClass />);
```

```
<MyComponentClass />.render();
```

```
ReactDOM.render(<MyComponentClass />, document.getElementById('app'));
```



That's correct!

Which is a valid component instance?

```
<MyComponentClass />
```



Correct!