

✓ Congratulations! You passed!

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1. What is a stateless component?

1 / 1 point

- ☐ A component that doesn't track its parent's state.
- ☒ A component that doesn't track its own state.

✓ **Correct**

Correct. A stateless component doesn't track its own state.

2. A stateful component must have a props object.

1 / 1 point

- ☒ False
- ☐ True

✓ **Correct**

Correct. Whether or not a stateful component has a props object is irrelevant.

3. To turn a stateless component into a stateful component, you must pass it a props object.

1 / 1 point

- ☐ True
- ☒ False

✓ **Correct**

Correct. Whether or not a stateful component receives a props object is irrelevant.

4. The process of lifting up state can lead to:

Select all that apply.

1 / 1 point

- ☐ A stateful child component controlling the state of a stateless parent component.
- ☐ A stateful child component controlling the state of a stateful parent component.
- ☒ A stateful component becoming a stateless component.

✓ **Correct**

That's right! Lifting up state means moving state up from a child to the parent component - meaning that a previously stateless parent component becomes a stateful component, and a previously stateful child component becomes a stateless component.

- ☒ A stateless component becoming a stateful component.

✓ **Correct**

That's right! Lifting up state means moving state up from a child to the parent component - meaning that a previously stateless parent component becomes a stateful component, and a previously stateful child component becomes a stateless component.

5. A prop doesn't have to always pass state.

1 / 1 point

- ☒ True
- ☐ False

✓ **Correct**

That's correct. A prop doesn't have to always pass state.