

## ✓ Congratulations! You passed!

Grade received 100% To pass 80% or higher

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1. True or false: `useReducer` is a reducer function that takes in the initial state and an action and returns the new state.

1 / 1 point

- ☒ True  
☐ False

✓ Correct

Correct! The reducer function takes in the initial state and an action and returns the new state.

2. True or false: The `useState` hook is best suited for complex state logic or when the next state depends on the previous one.

1 / 1 point

- ☐ True  
☒ False

✓ Correct

Correct! Actually, the `useReducer` hook is better suited for those use-cases

3. A common scenario for using the `useRef` hook is to...

1 / 1 point

- ☒ ...focus the cursor into an input field.  
☐ ...control a component's state.  
☐ ...handle side effects.  
☐ ...memorize expensive operations.

✓ Correct

Correct. That's a "textbook example" of the `useRef` hook in use.

4. True or false: Building your own Hooks lets you extract component logic into reusable functions

1 / 1 point

- ☒ True  
☐ False

✓ Correct

Correct! This is a true statement.

5. The `useState` hook gives us a reliable way to...

1 / 1 point

- ☒ ... deal with state updates in React components.  
☐ ... deal with state updates in React prompts.  
☐ ... deal with state updates in React dependency arrays.  
☐ ... deal with state updates in React `useEffect` invocations.

✓ Correct

Correct! Indeed, the `useState` hook gives us a reliable way to deal with state updates in React components.