**1.Difference between props and state.**

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| **SN** | **PROPS** | **STATE** |
| **1.** | Props are read-only. | State changes can be asynchronous. |
| **2.** | Props are immutable. | State is mutable. |
| **3.** | Props allow you to pass data from one component to other components as an argument. | State holds information about the components. |
| **4.** | State holds information about the components. | Stateless components cannot have state. |
| **5.** | Props are used to communicate between components. | States can be used for rendering dynamic changes with the component. |
| **6.** | Props make components reusable. | State cannot make components reusable. |
| 7. | Props are external and controlled by whatever renders the component. | The State is internal and controlled by the React Component itself. |
| 8. | Props can be accessed by child components | State cannot be accessed by child components. |

**When do we use each?**

Props are used to pass data, whereas state is for managing data Data from props is read-only, and cannot be modified by a component that is receiving it from outside State data can be modified by its own component, but is private (cannot be accessed from outside) Props can only be passed from parent component to child (unidirectional flow).