JavaScript: 0, undefined, and null Differences

- **0** is a numeric representation of zero and is falsy in Boolean contexts.

- **undefined** is the default state for unassigned variables, signifying an absent value.

- **null** is an intentional valueless state, similar to undefined but used distinctly.

JavaScript: var, let, and const Differences

- **var** is function or globally scoped, can be hoisted, re-declared, and updated.

- **let** is block-scoped, isn't hoisted, and can be updated but not re-declared.

- **const** is block-scoped like let, but it's immutable and must be initialized at declaration. It's ideal for constant values.