# DWA_12 Knowledge Check

To complete this Knowledge Check, ensure you have worked through all the lessons in **Module 12: Declarative Abstractions.**

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1. What are the benefits of direct DOM mutations over replacing HTML?

Direct DOM mutations refer to making changes to the Document Object Model (DOM) directly using JavaScript. Direct DOM mutations offer more flexibility, efficiency, and control for making targeted changes to the DOM. Instead of changing the entire HTML you can use DOM to target the areas which you want to change in your code.

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2. What low-level noise do JavaScript frameworks abstract away?

JavaScript frameworks enable developers to focus more on application logic, user experience, and higher-level architectural design. They provide a higher level of productivity, code organization, and maintainability, allowing developers to build complex web applications more efficiently.

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3. What essence do JavaScript frameworks elevate?

JavaScript frameworks help developers concentrate on the logic of their applications, how users interact with them, and the overall design. They make developers more productive, help organize their code better, and make it easier to maintain. This means that developers can build complicated web applications more quickly and efficiently.

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4. Very broadly speaking, how do most JS frameworks achieve abstraction?

JavaScript frameworks make it easier for developers to create web applications by using techniques like encapsulation, declarative syntax, and component-based structures. These techniques simplify the coding process and hide the complicated parts. Frameworks provide user-friendly interfaces and smart ways to build applications, which helps developers focus on solving important problems and creating good software more quickly.

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5. What is the most important part of learning a JS framework?

The most important part of learning a JavaScript framework is understanding its core concepts and principles. These core concepts serve as the foundation for effectively using the framework and building applications with it.