

DWA_02.8 Knowledge Check_DWA2

1. What do ES5, ES6 and ES2015 mean - and what are the differences between them?

ES5 was the 5th edition of the ECMAScript standard. Was introduced in 2009.

ES6 is the 6th edition of ECMAScript standard, published in 2015.

They refer to different editions of the ECMAScript specification. Each Edition introduced new features, syntax enhancements and improvement to the Javascript language.

The main difference between ES5 and ES6/ES2015 is the set of features and enhancements introduced. ES6/ES2015 introduced a significant number of new language features and syntax improvements that made JavaScript more powerful, expressive, and easier to work with. Many of these features are now widely used and supported by modern JavaScript environments. ES6/ES2015 also marked a turning point in the evolution of JavaScript, with subsequent editions being released annually, each introducing new features and improvements.

2. What are JScript, ActionScript and ECMAScript - and how do they relate to JavaScript?

JScript is a Microsoft variant of JavaScript, ActionScript is a language used in Adobe Flash, and ECMAScript is the official specification that JavaScript follows. JavaScript is the most widely used implementation of ECMAScript and is used for web development, while JScript and ActionScript are more specialized and have specific use cases.

3. What is an example of a JavaScript specification - and where can you find it?
Example is ECMAScript specification

You can find the ECMAScript specification on the official website of Ecma International, the organization responsible for maintaining and evolving the specification. The website provides access to the current and previous versions of the specification, as well as other related documents. The URL for the Ecma International website is:

<https://www.ecma-international.org/>

4. What are v8, SpiderMonkey, Chakra and Tamarin? Do they run JavaScript differently? JavaScript compilers.

They have their own optimization techniques, memory management strategies, and runtime features, which can lead to variations in performance and behavior.

5. Show a practical example using caniuse.com and the MDN compatibility table.

Can I use **array** 50 results found

☒ Caniuse (6) ☒ MDN (44)

Array.prototype.find - OTHER

Usage: Global 97.08%

The `find()` method returns the value of the first item in the array based on the result of the provided testing function.

Current aligned Usage relative Date relative Filtered All

Chrome	Edge	Safari	Firefox	Opera	IE	Chrome for Android	Safari on iOS	Samsung Internet	Opera Mini	Opera Mobile	UC Browser for Android	Android Browser	Firefox for Android	QQ Browser	Baidu Browser	KaiOS Browser
4-44	12-14	3.1-7	2-24	10-31												
45-112	15-112	7.1-16.4	25-112	32-98				20		12-12.1		2.1-4.4.4				2.5
113	113	16.5	113	99				1	all	73	13.4	113	113	13.1	13.18	3.1
114-116		16.6-TP	114-115													

Opera 99

- Support info
- Browser version
- Released May 16, 2023
- ✓ Supported
- Usage
- Global: 0%

[Test on Opera 99](#)

Notes Test on a real browser Known issues (0) Resources (3) Feedback

