

DWA_02.8 Knowledge Check_DWA2

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

ES5 stands for ECMAScript 5 and it was released in 2009. ES6 was released in 2015 and it introduced new features and modern syntax. Some of the features include arrow function, classes and template literals.

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

JScript - Is a scripting language which is used in older versions of Microsoft.

ECMAScript - is the standard for scripting languages and Javascript is an implementation of that standard.

ActionScript - Has Adobe's implementation of the same standards.

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

ECMA-262 and it can be found at [ECMA-262 - Ecma International \(ecma-international.org\)](http://ecma-international.org/ecma-262/)

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

V8- Compiles JavaScript code directly into machine code.

SpiderMonkey- Compiles JavaScript into an intermediate bytecode

Tamarin - Utilizes a just in time compiler.

Chakra - Utilizes a just in time compiler.

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

Current aligned

Usage relative













Date relative

Filtered

All

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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	E
4-63	12-18							4-6.4						
64-118	79-118	3.1-17.0	2-118	10-102	6-10		3.2-17.0	7.2-22		12-12.1		2.1-4.4.4		
119	119	17.1	119	103	11	119	17.1	23	all	73	15.5	119	119	
120-122		17.2	120-122				17.2							
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