

DWA_02.8 Knowledge Check_DWA2

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

ES5 and ES6 refer to the different editions of ECMAScript, which is the language specification to which JavaScript conforms.

ES2015 refers to the year of release and is the same as ES6.

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

JScript is the Microsoft version of JavaScript while ActionScript is the Macromedia version of JavaScript. ECMAScript is the standardised specification for JavaScript, JScript, and ActionScript.

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

A specification in JavaScript is the technical standard by which JavaScript abides. An example of this could be the [Math.PI](#) method, which gets constant pi

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

V8, SpiderMonkey, Chakra, and Tamarin are all JavaScript (or ECMAScript) engines (or compilers), which are responsible for executing JavaScript code in web browsers or other environments. They all serve the same fundamental purpose of running

JavaScript, however they do so with different architectures, optimizations, and design philosophies.

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

