

# DWA\_02.8 Knowledge Check\_DWA2

---

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

**They are the fifth and sixth version of ECMA Script. ES5 is an abbreviation of ECMAScript 5 and also known as ECMAScript 2009, based on the year it was released. ES6 is the abbreviation of ECMAScript 6 and also known as ECMAScript 2015, for the year it was released. ES6 has a higher performance than ES5.**

---

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

**They are all scripting languages, but are just named differently. The other scripting languages all use ECMAScript as its core. They can be considered as 3 different cars, but all using the same engine.**

---

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

**ECMAScript is an example of JavaScript specification and you can find those specifications in ECMA-262.**

---

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

**V8, SpiderMonkey, Chakra and Tamarin are engines that compile and interpret JavaScript differently.**

**Yes they run differently.**

**SpiderMonkey compiles JavaScript to an intermediate language which is then interpreted, whereas V8 differs by compiling JavaScript to machine instructions, leaving no need for an interpreter.**

---

5. Show a practical example using [caniuse.com](https://caniuse.com) and the MDN compatibility table.

---