

## Exercise 1: Research

In this exercise, you will research various facts and figures about web standards and use, and will run some of your preferred websites through validation tools.

### Browsers & user agents

1. What browsers are available on the Internet today for users of Windows, Mac OS X and Linux?
2. Roughly what percentage of web users uses each browser?
3. What browsers do mobile devices use when accessing web pages?
4. What is a User Agent? List the different user agents that access the World Wide Web. What is meant by user agent sniffing?

### Standards

1. How many web standards have the W3C published, and which are widely supported by browsers and manufacturers today?
2. What case can you make for the use of web standards in business?

### Validation

1. Run a few of the sites that you visit regularly through the W3C validator.
  - a. If they do not validate, look at some of the errors to get a sense of why they are failing.
  - b. Do you care if they do not validate?