

# Array Cheat Sheet (PHP/JavaScript)

	PHP	JavaScript
Declare empty array	<pre>\$myArray = array();</pre>	A) <pre>myArray = new Array();</pre> B) <pre>myArray = [];</pre>
Declare array with size		<pre>myArray = new Array(23);</pre>
Declare array with elements	A) <pre>\$myArray = array("apple", "green");</pre> B) <pre>\$myArray = array(0 =&gt; "apple", 1 =&gt; "green");</pre> C) <pre>\$myArray[] = "apple"; \$myArray[] = "green";</pre>	A) <pre>myArray = new Array("apple", "green");</pre> B) <pre>myArray = ["apple", "green"];</pre>
Declare sparse array with elements	<pre>\$myArray = array(0 =&gt; "apple", 3 =&gt; "green");</pre>	
Add element at the end	A) <pre>array_push(\$myArray, "cat");</pre> B) <pre>\$myArray[] = "cat";</pre>	A) <pre>myArray.push("cat");</pre> B) <pre>myArray[myArray.length] = "cat";</pre>
Add element at index 2	<pre>\$myArray[2] = "cat";</pre>	<pre>myArray[2] = "cat";</pre>
Remove element at index 2	A) <pre>unset(\$myArray[2]);</pre> B) <pre>array_splice(\$myArray, 2, 1);</pre>	<pre>myArray.splice(2, 1);</pre>
Array length	<pre>count(\$myArray);</pre> Returns actual number of elements	<pre>myArray.length;</pre> Returns highest numerical index + 1
Declare associative array with elements	<pre>\$myArray = array("fruit" =&gt; "apple", "color" =&gt; "green");</pre>	<pre>myArray = { "fruit": "apple", "color": "green"};</pre> Actually creates an object with properties "fruit" and "color". myArray.length will return 0.
Add element to associative array	<pre>\$myArray["animal"] = "cat";</pre>	<pre>myArray["animal"] = "cat";</pre> Actually adds an object property "animal".