| To mutate original array     | A new array                    | An array index  | Know if array includes                                     | To transform to value  |
|------------------------------|--------------------------------|---|--|--|
| Add to original: .push (end) | Computed from original:        |   |  | <ul><li>Based on accumulator.</li><li>reduce</li></ul>                         |
| .unshift (start)             | Filtered using condition:      |   | Based on test condition:                                   | (Boil down array to single   |
| Remove from original:        | .filter                        | .findIndex  | .some  | value of any type: number,<br>string, boolean, or even new<br>array or object) |
| .pop (end) .shift (start)    | Portion of original: .slice    |   | every  |  |
| .splice (any)                | Adding original to other.      | An array element  | A new string   | To just loop array   |
| <pre>Others: .reverse</pre>  | .concat                        | <ul><li>Based on test condition:</li><li>find</li></ul> | <ul><li>Based on separator string:</li><li>.join</li></ul> | <ul><li>Based on callback:</li><li>forEach</li></ul>                           |
| .sort                        | Flattening the original: .flat |   |  | (Does not create a new array,<br>just loops over it)                           |
| .fill                        | .flatMap                       |   |  | just 100μs over Ity  |