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Difference between `offsetHeight`, `clientHeight` and `scrollHeight`

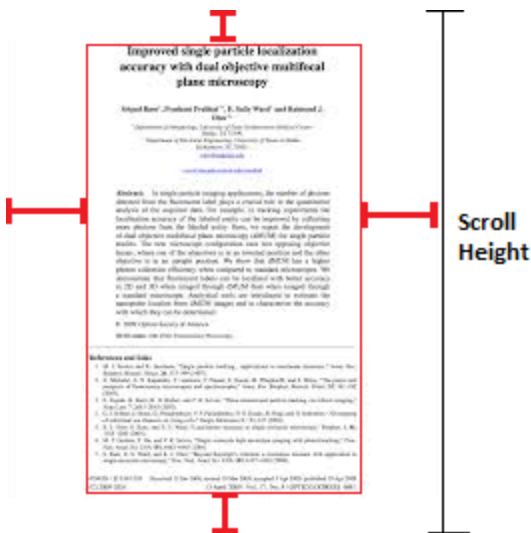**scrollHeight**: The `scrollHeight` value is equal to the minimum height the element would require in order to fit all the content in the viewport without using a vertical scrollbar.

`ENTIRE  content & padding (visible or not)`

clientHeight: it includes the element's padding, but not its border, margin or horizontal scrollbar (if present). It can also include the height of pseudo-elements such as `::before` or `::after`. If the element's content can fit without a need for vertical scrollbar, its `scrollHeight` is equal to `clientHeight`.

`VISIBLE content & padding`

offsetHeight: is a measurement in pixels of the element's CSS height, including border, padding and the element's horizontal scrollbar (if present, if rendered). It does not include the height of pseudo-elements such as `::before` or `::after`.

The following equivalence returns `true` if an element is at the end of its scroll, `false` if it isn't.

```
element.scrollHeight - element.scrollTop === element.clientHeight
```

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