

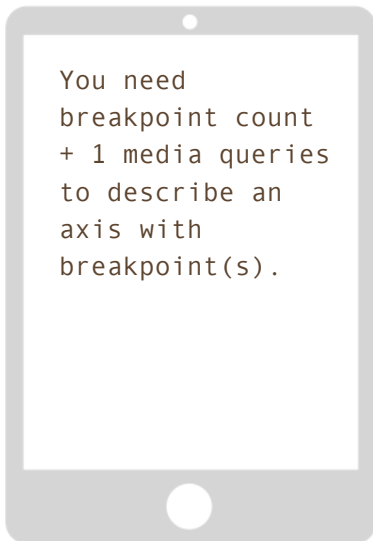
Responsive Breakpoint Theory Cheatsheet

horizontal axis

breakpoint 1 segment

breakpoint 1

All breakpoints create a segment to their left and either a segment or a ray to their right.

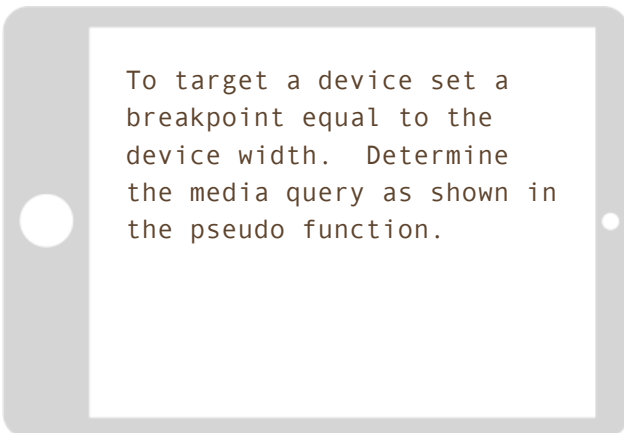


```
var breakpoints = [768, 1024];  
function getMediaQuery(queryIndex) {  
  if (queryIndex === 1) {  
    return "max-width:767px";  
  } else if (queryIndex > breakpoints.length) {  
    return "min-width: 1024px";  
  } else {  
    return "(min-width:768px) and (max-width:1023px)";  
  }  
}
```

breakpoint 2

breakpoint 2 segment

breakpoint ray



The highest value breakpoint always creates a ray to it's right. There is only ever one breakpoint ray.

To optimize an image for a segment, resize it's width to the segment's breakpoint value - 1. To optimize for the breakpoint ray, you have to pick a sensible width greater than the value of the highest breakpoint value.