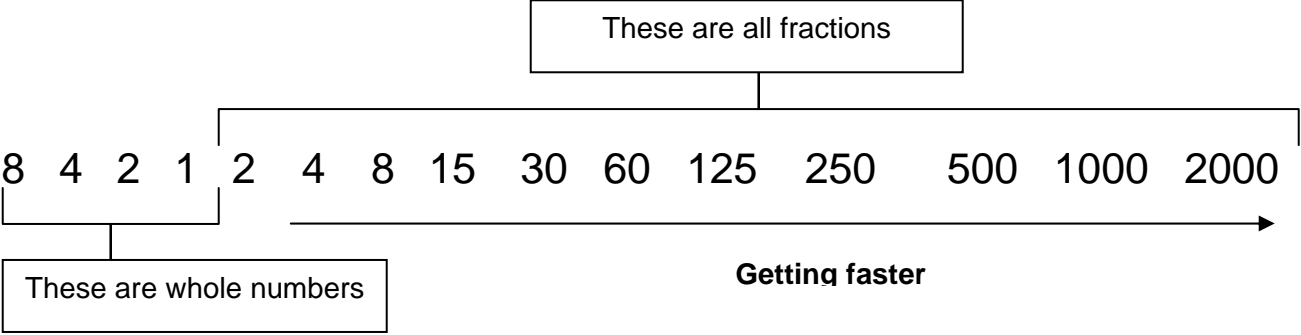


# Photo 1: basic camera controls

## Shutter speeds as they appear on your camera

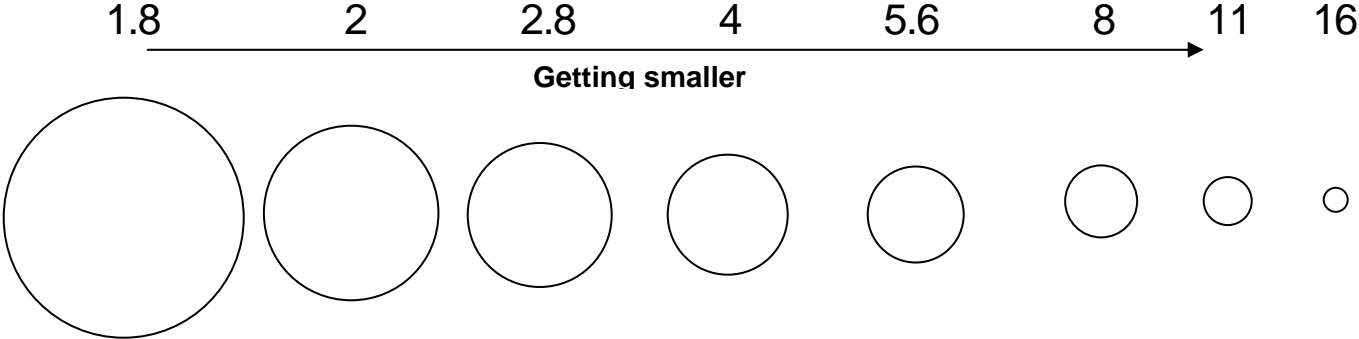
The shutter speed is the amount of time the shutter stays open.  
The shutter mechanism is in the body of the camera.



The smaller the number the less time light gets through the shutter.  
Each number getting faster lets in half as much light as the one before it.  
 $1/250^{\text{th}}$  of a second is faster than  $1/125^{\text{th}}$  of a second.  
 $1/250^{\text{th}}$  of a second lets in half as much light as  $1/125^{\text{th}}$  of a second.

## Aperture numbers (f stops) as they appear on your camera.

The aperture is the hole in the lens that the light has to pass through.  
The aperture is a variable opening between the glass lens elements.  
The aperture never closes all the way (like the shutter).



Each opening lets in half as much light as the one to its left, twice as much as the one to its right.