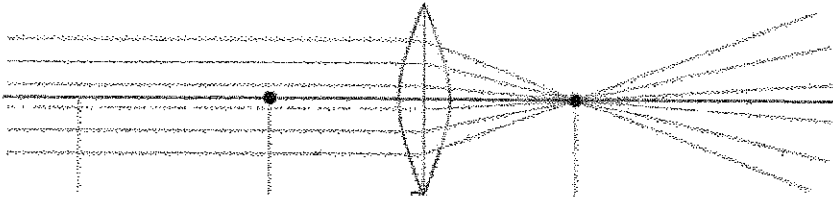


Copy the following on the LEFT side of your Notebook:

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## Microscopy

- Microscope-instrument that uses lenses to make an image larger
- Micrograph-a picture made using a microscope
- Lens-special piece of glass that bends light
- Focus-when an image is clear
- A lens bending light, the focal point is where the rays join



- Total magnification
  - A way of calculating how much larger an image is than it appears
  - Multiply the magnification of each lens
  - 10x eyepiece and a 15x lens =  $10 \times 15 =$  total magnification of 150x
  - 10x eyepiece and a 25x lens =  $10 \times 25 =$  total magnification of 250x
  - 10x eyepiece and a 50x lens =  $10 \times 50 =$  total magnification of 500x

t