





if the object is simile the focal length La virtual, smaller, upright image

## Week 2 pt. 2 ## 8=10c= the Kadl inc and magnification 5=15cm f=10cm 51= 5, -1 = 10-15 = 1 = 30 m M=-15: -2 Lens 2: 52=-15cm fi=-20cm - 51=60 cm  $M_2 = -\frac{52}{12} = -\frac{60}{12} = 4$ overall magnification: mimz= (-2)4=-4 Newton equation for this lens: ho = hi 10 - X.  $\frac{b}{x^n}:\frac{x^n}{t}=) \quad x^n x^n = t,$ Chapte 19: The Eye force - celly for color (cones) (robs: black and white /low light ophic new / Wind spot motion

By changing lens thinkness you can change the focal length

