



Protocol 4

1. Build a slide projector and compare the results from all three calculations (i.e. with equations 6.1, 6.2, and 6.3)
2. Build a microscope using the lenses mentioned in experiment 4, and compare the magnification values obtained with equations 7 and 9.
3. Build an astronomical refracting telescope using the lenses mentioned in experiment 5, and compare the angular magnification calculated with equations 10.1, 10.2, and 10.3.
4. Build a Galilean telescope using the lenses mentioned in experiment 6, and compare the theoretical and experimental magnification values (equation 11).