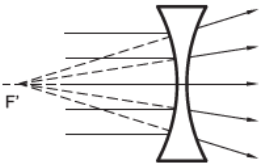
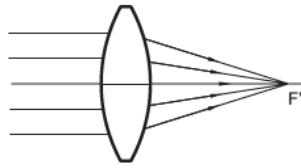


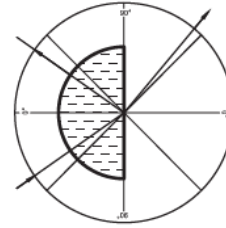
STUDENT HANDOUT


1. Concave Lens

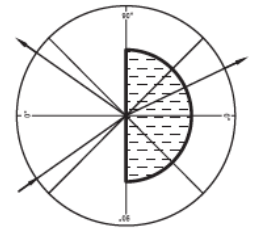
Five light beams passing through the concave lense.


2. Convex Lens

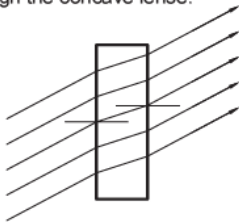
Example of five light beams passing through the convex lense.


9. Semi-Circle Prism

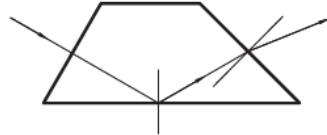
The light beam passing through the interface to refract and reflect. Light turns from dense to sparse.


10. Semi-Circle Prism

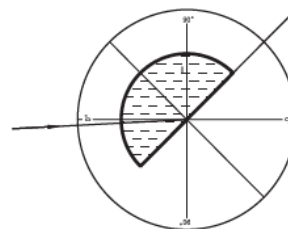
The light beam passing through the interface to refract and reflect. Light turns from sparse to dense.


3. Parallel Bar

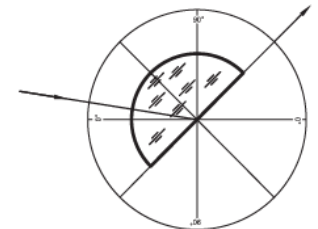
Five light beams passing through the parallel bar.


4. Trapezoid Prism

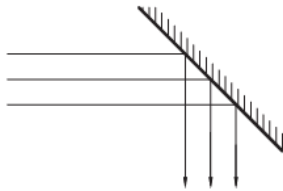
Example of one light beam passes through the trapezoid prism.


11. Semi-Circle Prism

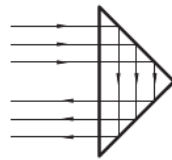
Total Reflection demonstration and mensuration for critical angle. Water as medium.


12. Hollow Prism

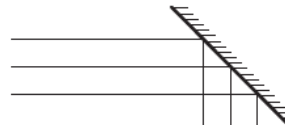
Total Reflection demonstration and mensuration for critical angle. Glass as medium.


5. Mirror

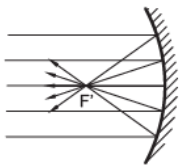
Three light beams reflecting off the mirror at 90°.


6. Right Angle Lens/Prism

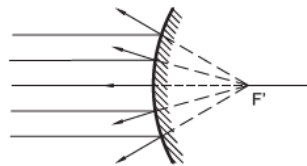
Three light beams passing through the right angle lens and their reflection.


13. Right Angle Lens/Prism

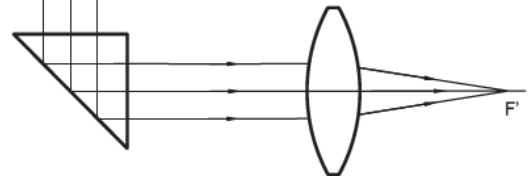
The light beams pass through the lense and demonstrate the phenomemon of total reflection.


7. Concave Mirror

Example of three light beams reflecting off the concave mirror.


8. Convex Mirror

Example of three light beams reflecting off the convex mirror.


14. Possible Assembly of multiple optical components.