

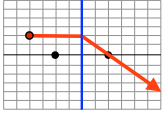
Ray Tracing Exercise

Must be completed and checked by instructor before leaving lab.

Principal Rays Summary

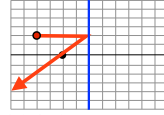
1. A ray parallel to the axis...

Converging Lens

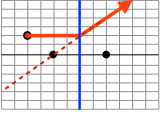


...passes through the focal point.

Converging Mirror

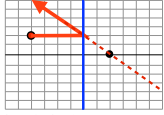


Diverging Lens

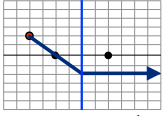


...appears to come from the focal point.

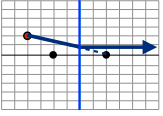
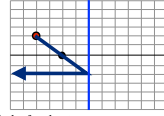
Diverging Mirror



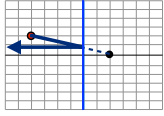
2. A ray that ... comes out parallel



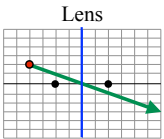
...passes through the focal point ...



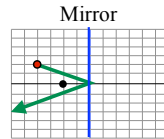
...aims for the focal point...



3. A ray that hits the center...



...passes straight through



...is reflected with the negative slope

Converging Lens



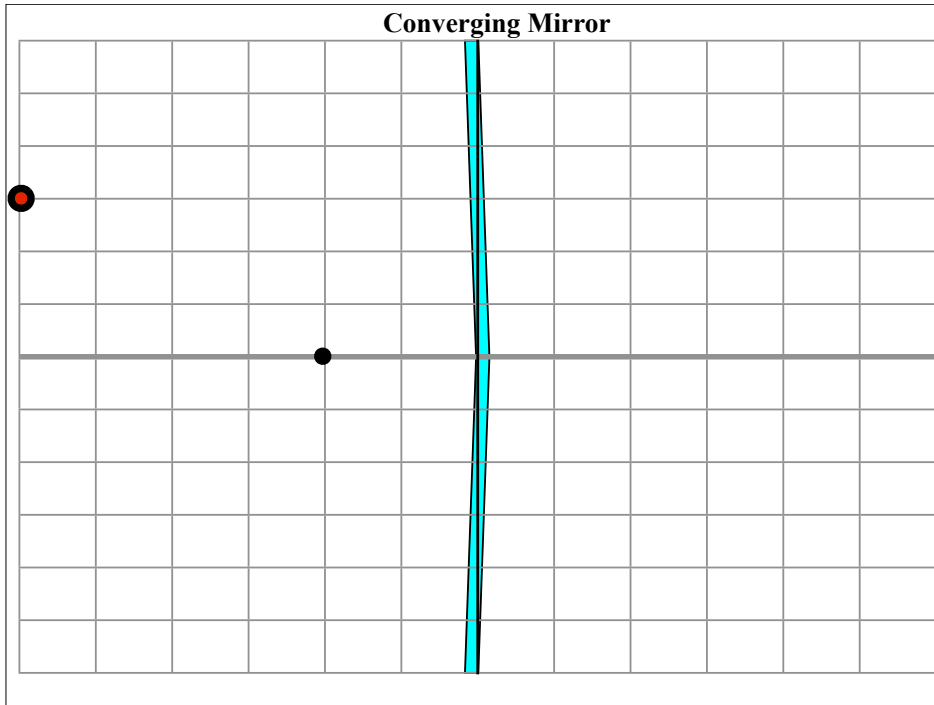
Converging Lens



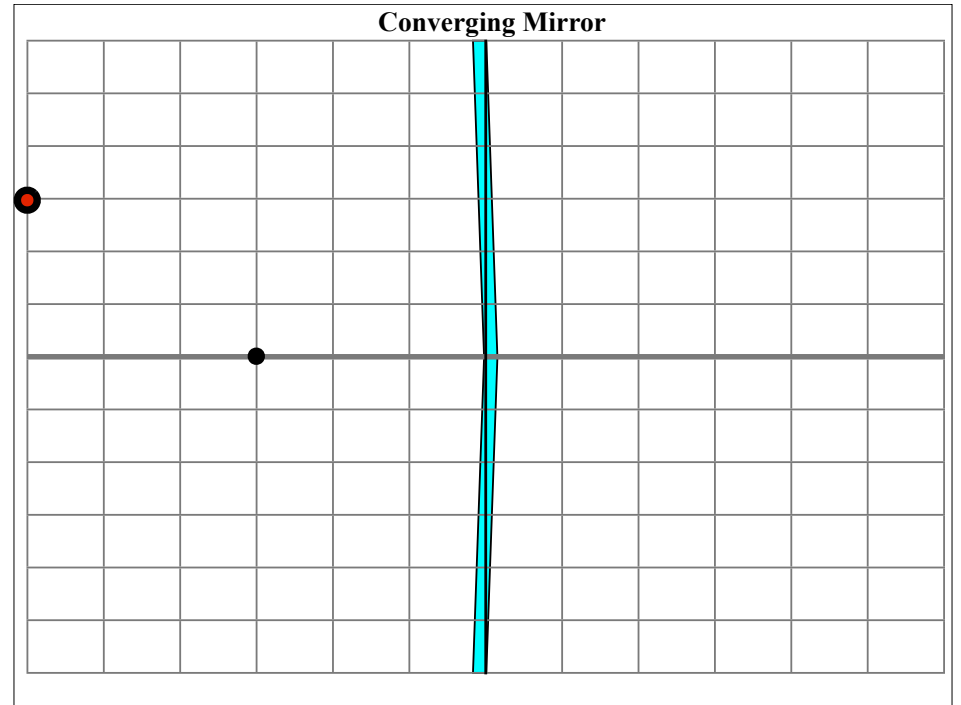
Diverging Lens



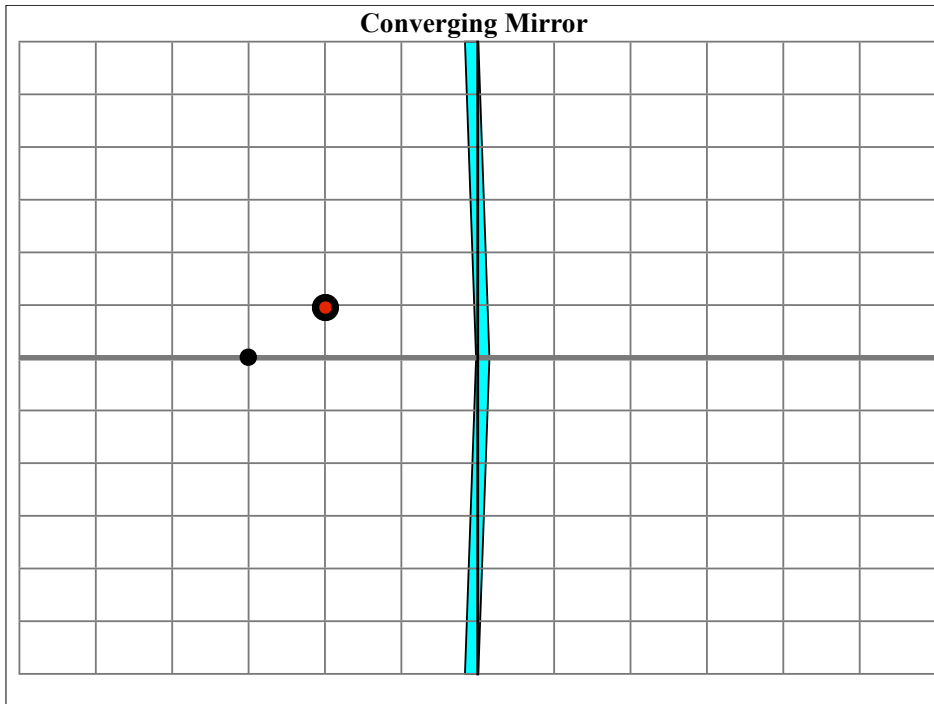
Converging Mirror



Converging Mirror



Converging Mirror



Diverging Mirror

