

Reflection or Refraction

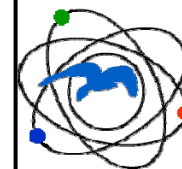
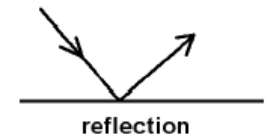
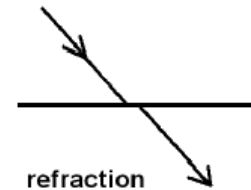
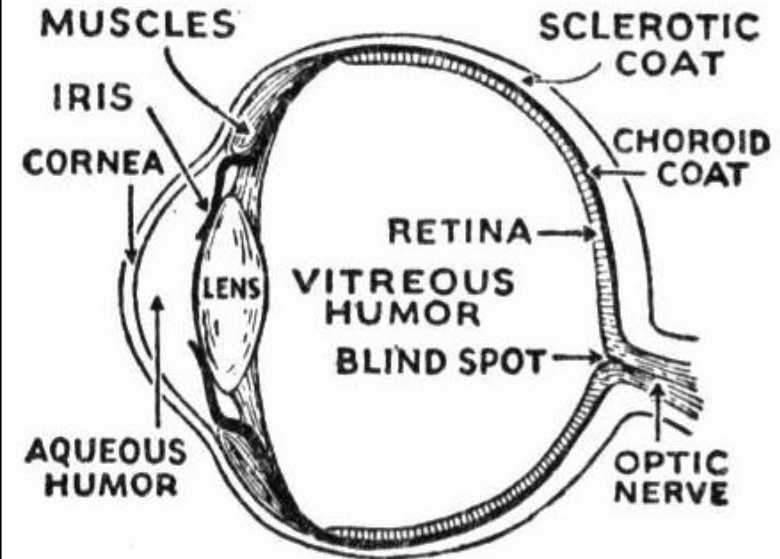
	Look through each of the lenses listed below. Is light being reflected or refracted? Describe or draw what you see.
Prism	
Small Telescope	
Teledoscope	
Periscope	

Math Science Nucleus manages the Children's Natural History Museum, Tule Ponds at Tyson Lagoon, and the Fremont Earthquake Exhibit all in Fremont. Visit our website (<http://msnucleus.org>) for more information on summer classes, Sat programs, lecture series and more.



Helping Hands Science

Light Fourth Grade



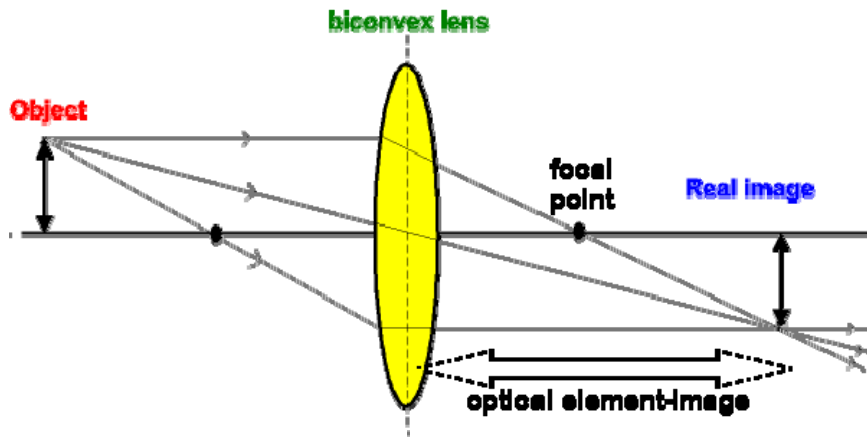
Math Science Nucleus

A non profit organization
4074 Eggers Drive

Fremont, CA 94536 (510) 790-6284
<http://msnucleus.org> msn@msnucleus.org

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Refraction



1. Look at an object with a biconvex lens and focus it on a white piece of paper? Describe or draw what happens to the object?

Reflection

2. Arrange two mirrors so they line up with the lines of the index card. Place the object provided between the mirrors. How many reflections of the object can you see?

Change the angle of the mirrors to get more reflections. How many objects can you see now?

When the mirrors are directly opposite each other, how many images do you see?

Think about reflection.. How many possible images could you see if it keeps reflecting back and forth?