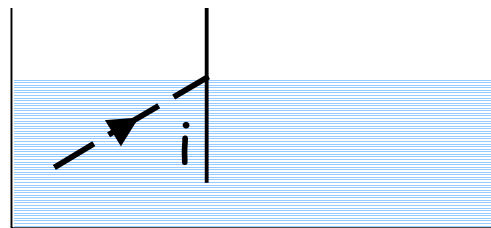
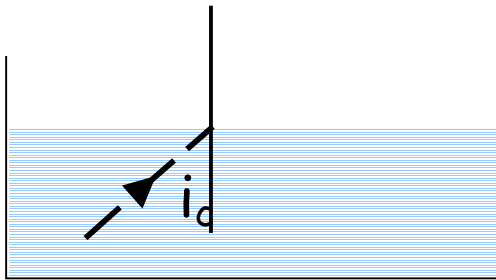
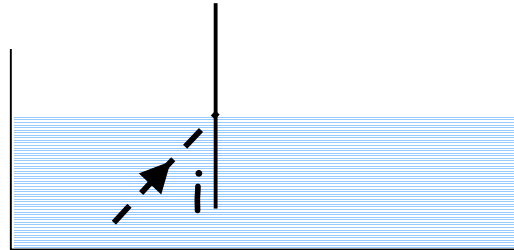
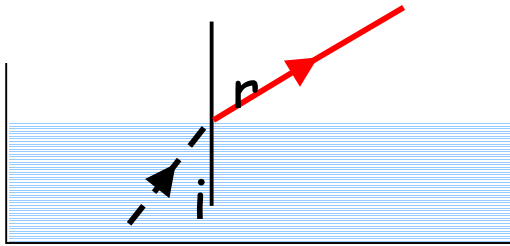


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Total Internal Reflection -

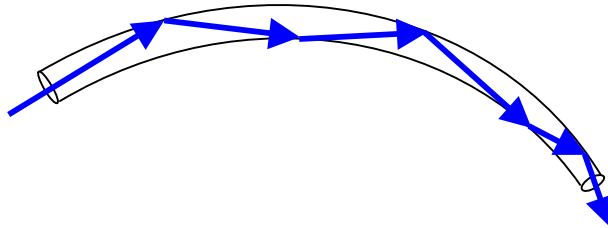
Draw the reflected angles as you watch the video.



critical angle
"i" producing "r" of _____

total internal reflection
When "i > i_c" no light _____.

Notes on Optical Fibers -



Problem Set #1:

Convex lens-

•

•

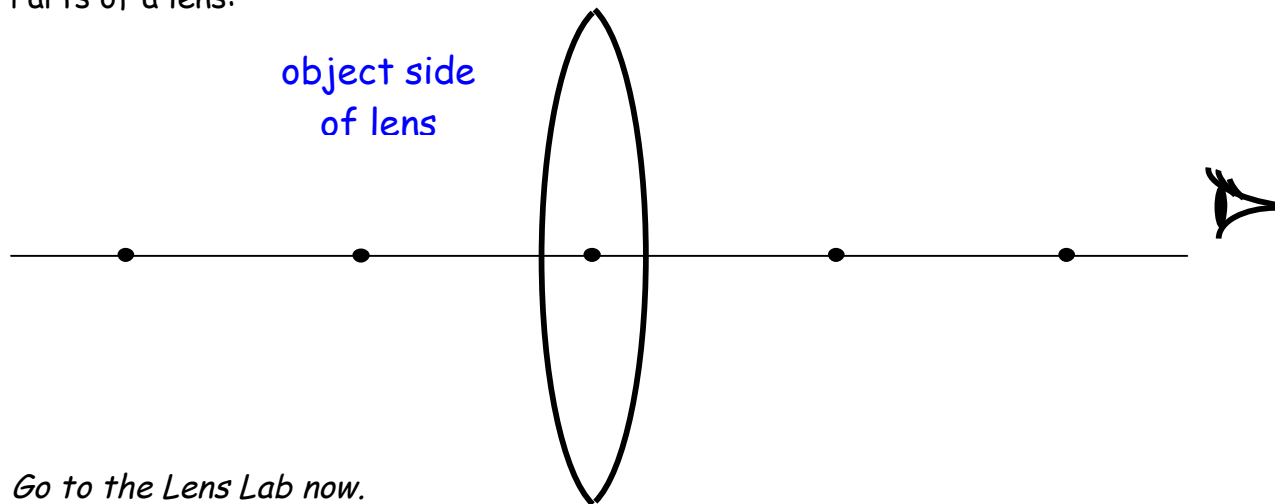
Concave lens-

•

•

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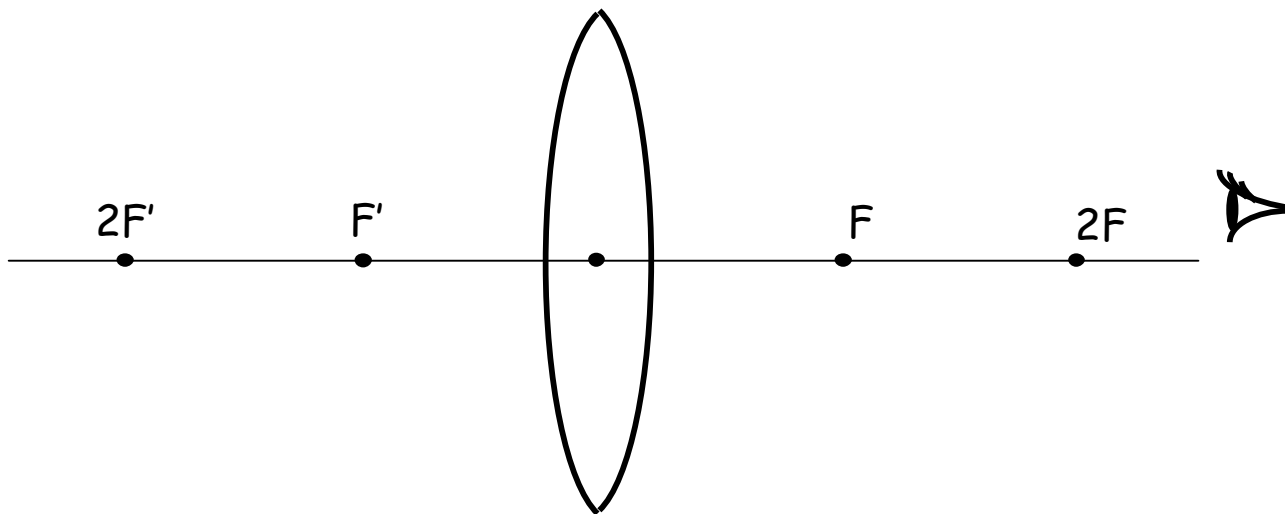
Parts of a lens:



Go to the Lens Lab now.

Convex Lens Ray Diagrams-

	in to lens from object	out from lens
1		
2		

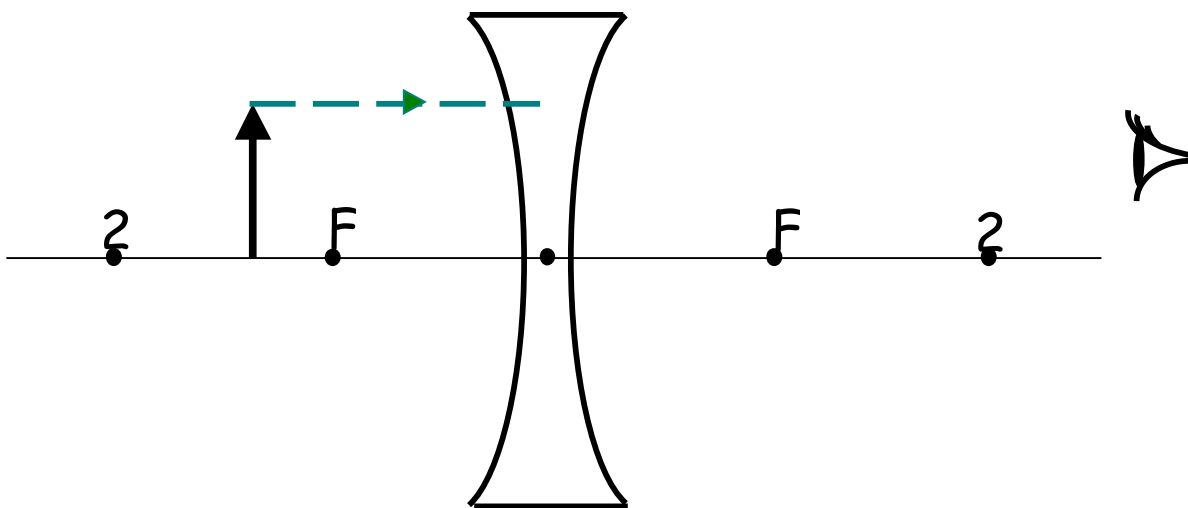


Problem Set #2: Teachers will issue a copy of this.

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Concave Lenses:

	in to lens from object	out from lens
1		
2		



The image formed is _____, _____, and _____.

Problem Set #3:

A concave lens acts very much like a _____ mirror, producing _____, _____, and _____ image. For lenses as well as mirrors, virtual images are always _____ whereas real images are always _____.

Take notes on uses for lenses: