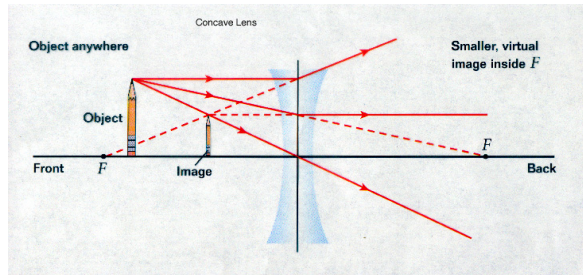
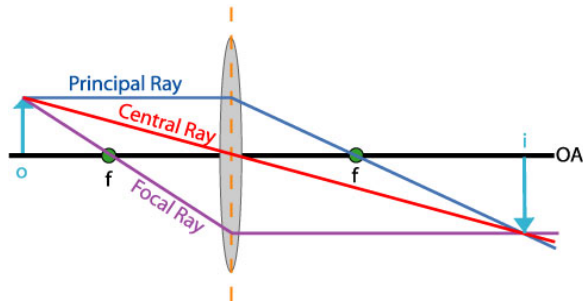
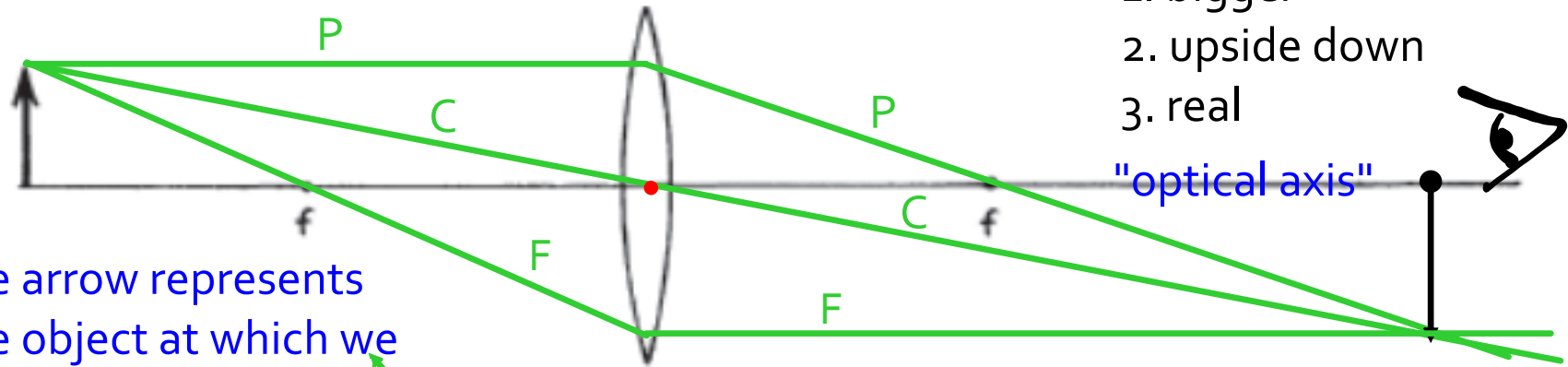


get your clicker and answer these:
& one of each lens (per pair)
& ruler (per person)



1. A converging lens
 - a. converges parallel rays of light.
 - b. bends parallel rays of light so they cross at a single point.
 - c. is thicker in the center than at the edges.
 - d. all of the above
2. An image formed by a diverging lens
 - a. is upside down.
 - b. can be projected on a wall.
 - c. is larger than the object.
 - d. none of the above.
3. A magnifying glass is a
 - a. diverging lens.
 - b. combination of diverging and converging lenses.
 - c. converging lens.
4. The eyes of nearsighted people focus light
 - a. behind the retina.
 - b. in front of the retina.
 - c. at the retina.
5. Farsighted people need to wear glasses that contain
 - a. neither converging nor diverging lenses.
 - b. diverging lenses.
 - c. converging lenses.

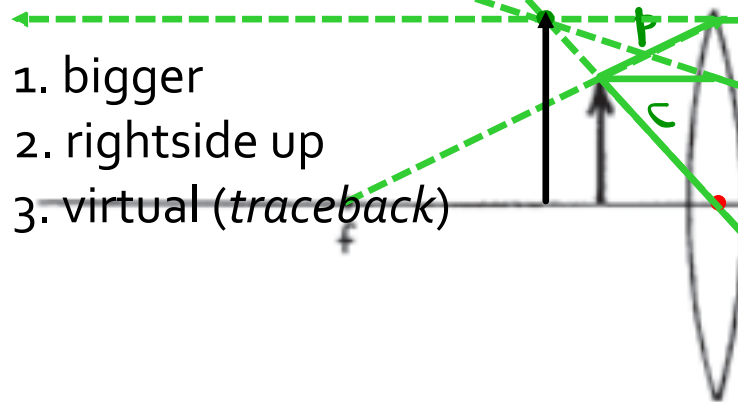


1. bigger
2. upside down
3. real

"optical axis"

the arrow represents
the object at which we
are looking

draw 3 lines
-all start at the tip of
the arrow and go
through the lens
-remember *PCF*



1. bigger
2. rightside up
3. virtual (*traceback*)

Parallel
Center
Focal Pt *(the other one!)*

1. smaller
2. upright
3. virtual

