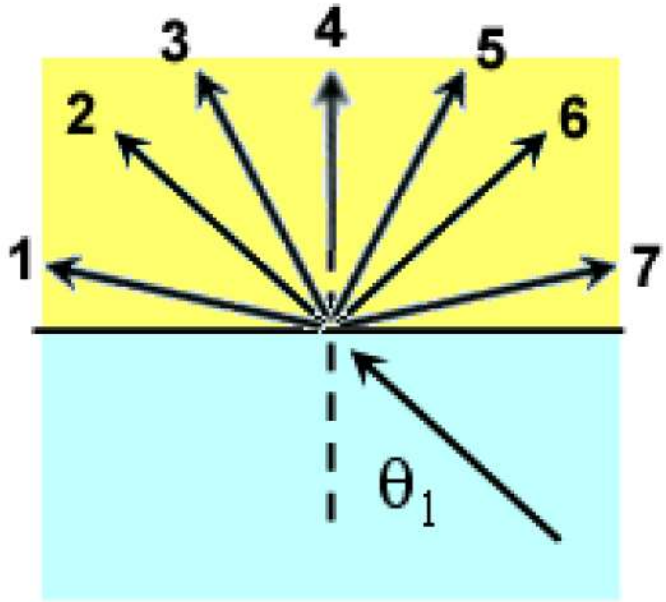
A ray of light is moving from one medium (blue) into another (yellow). Which of the outgoing rays is the most plausible if

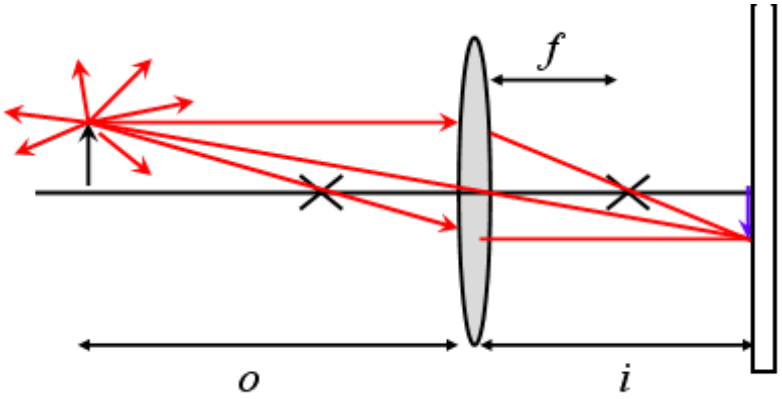
- both media have the same n?

- $n_{\text{blue}} > n_{\text{yellow}}$?

- $n_{\text{blue}} < n_{\text{yellow}}$?

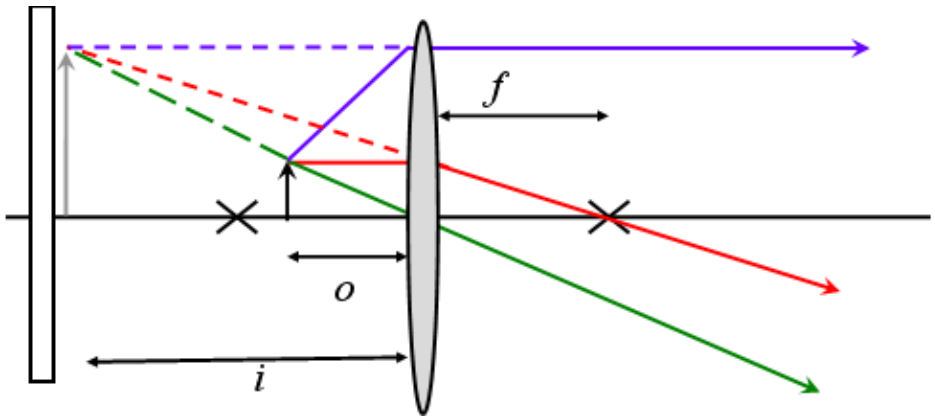


What happens if you put a screen
at the image distance for a real image?



1. You won't be able to see the image from anywhere.
2. You will be able to see the image from anywhere.
3. You will be able to see the image on the screen if you are on the same side of the screen as the lens
4. You will be able to see the image only if you are lined up to see the object through the lens.

What happens if you put a screen
at the image distance for a virtual image?



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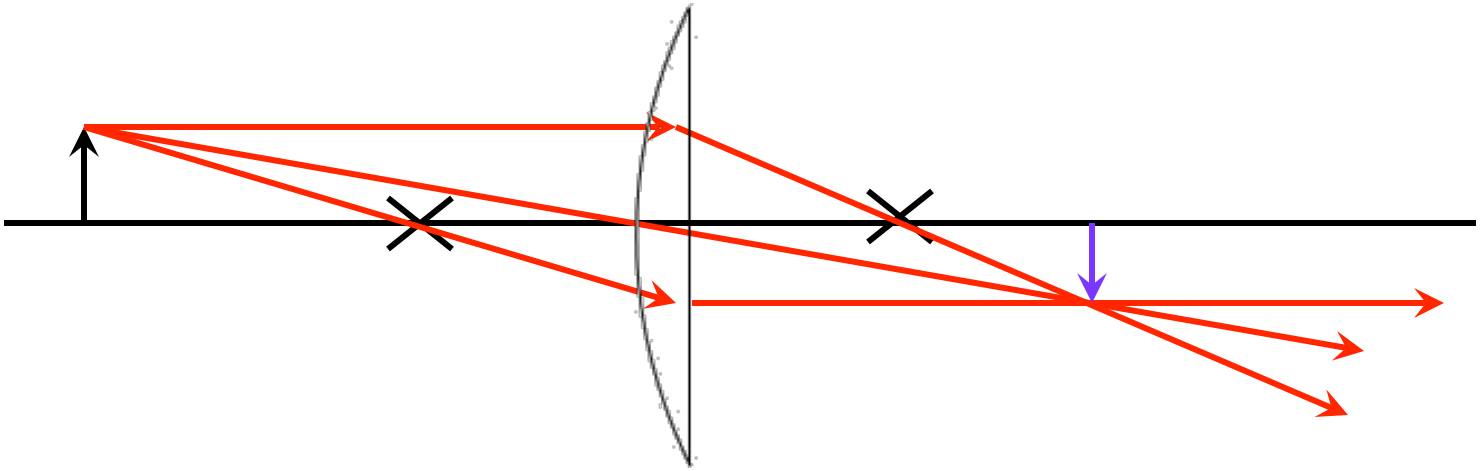
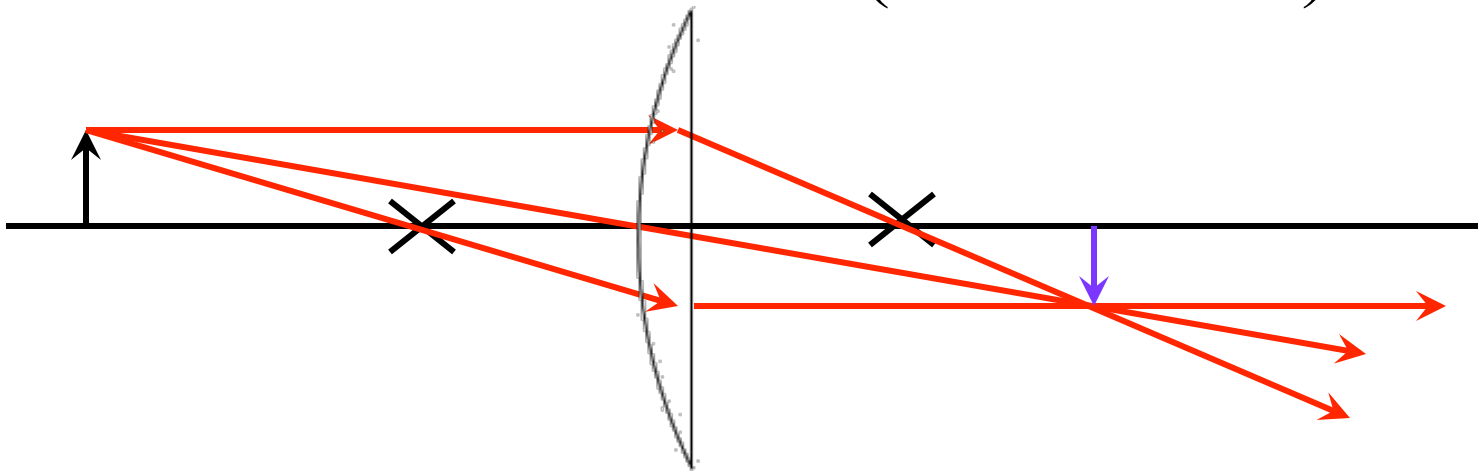
What happens to the image if the object moves a little closer to the lens?



1. The image will also get closer to the screen.
2. The image will stay where it was before.
3. The image will get farther from the lens.
4. The image will move to the left side of the lens.
5. You can't tell what will happen without more information.

What happens to the image if the object moves a lot closer to the lens (inside the X)?



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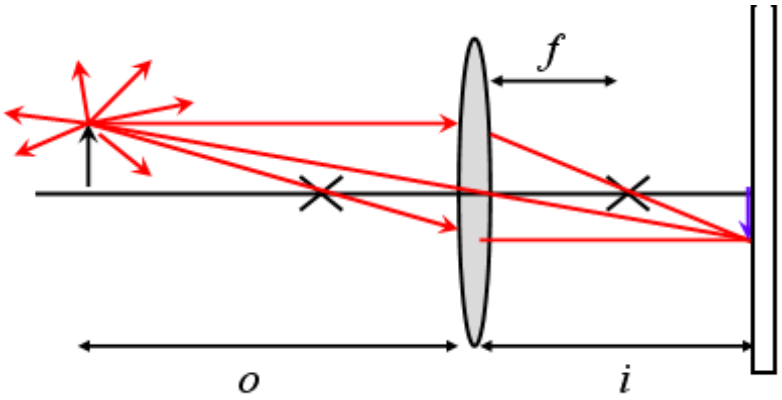
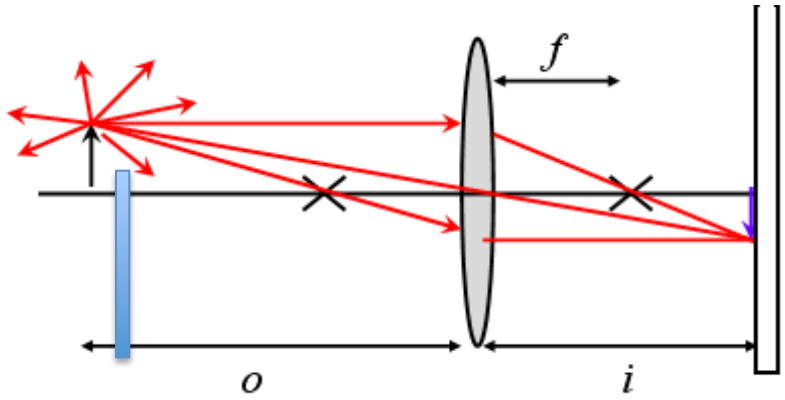
5. You can't tell what will happen without more information.

What happens on the screen if you block part of the lens with a cardboard?



1. It will block part of the image on the screen.
2. It will make the image dimmer but you will see the whole image.
3. Something else.
4. It depends on where you put the block.

What happens on the screen if you block part of the lens with a cardboard as shown?



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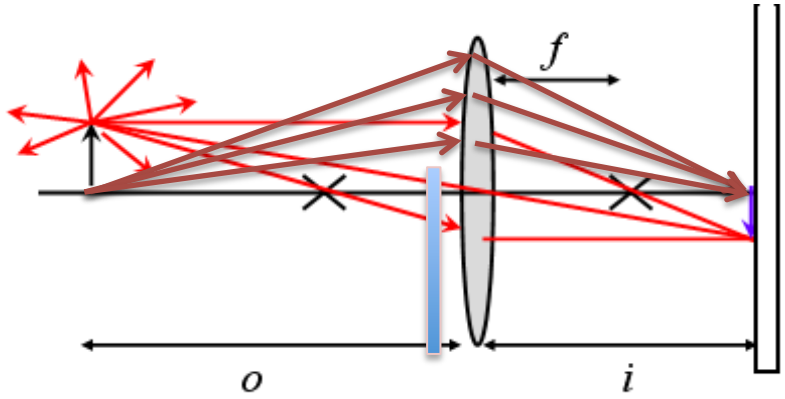

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