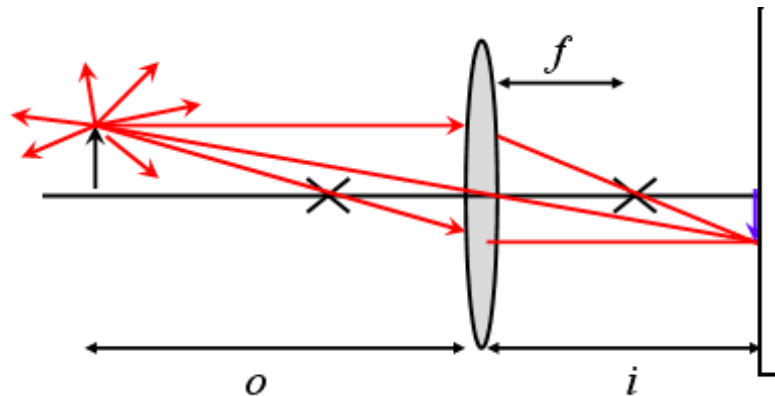




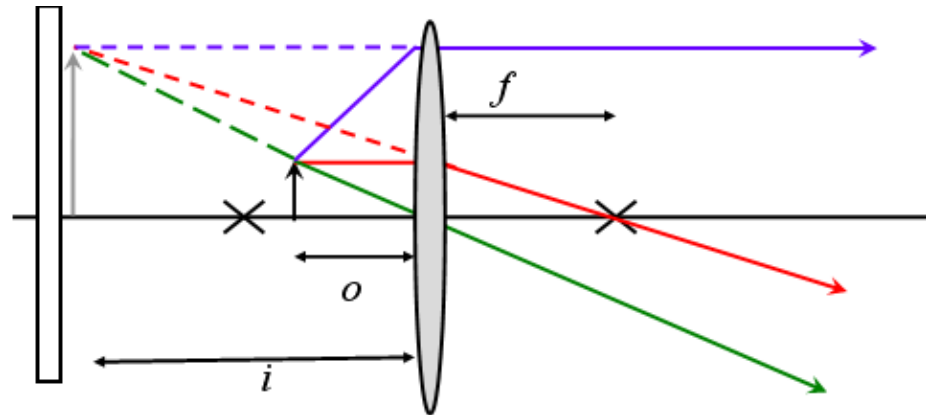
What happens if you put a screen at the image distance for a real image?



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?



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.

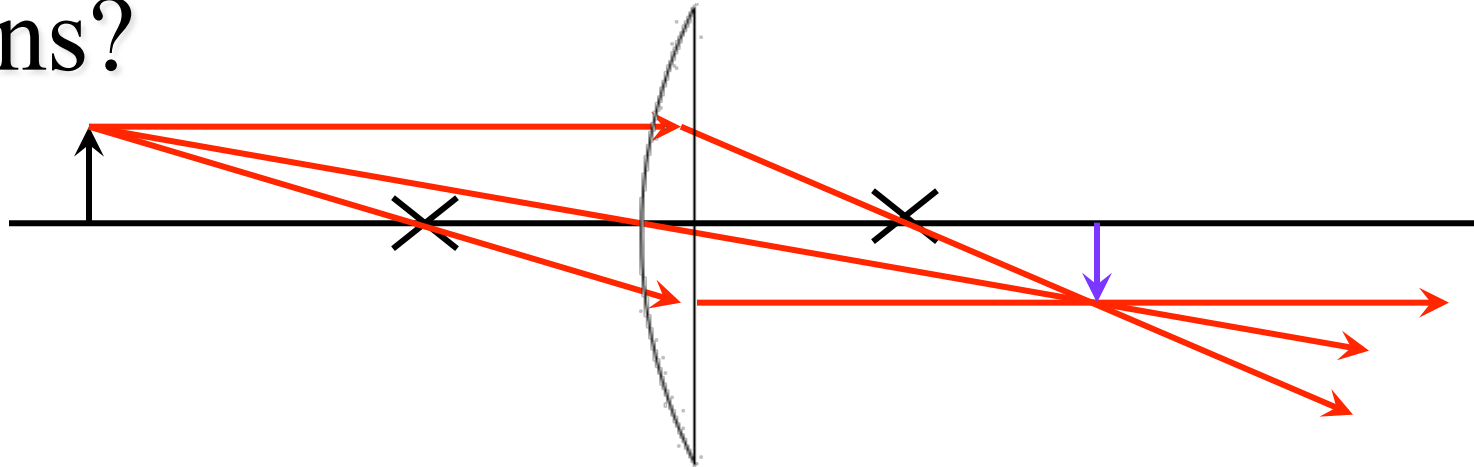
What happens to a real image if the object moves a little closer to the lens?



$$\frac{1}{o} + \frac{1}{i} = \frac{1}{f}$$

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 a real 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.



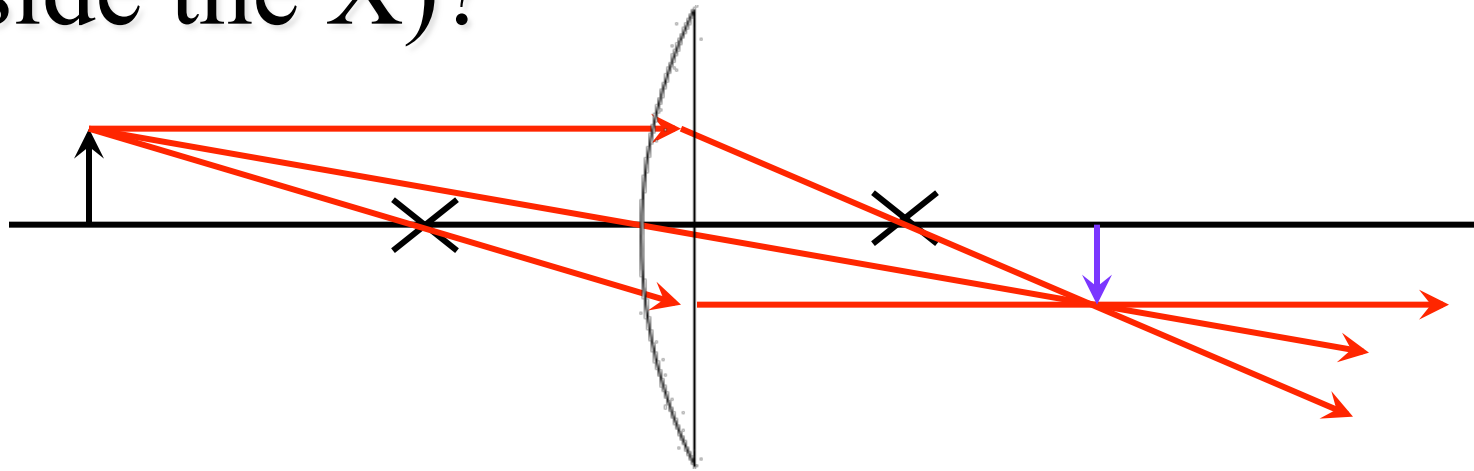
What happens to the image if the object moves a lot closer to the lens (closer than f)?

$$\frac{1}{o} + \frac{1}{i} = \frac{1}{f}$$

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)?



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.