

What will a real image look like if there is no screen?

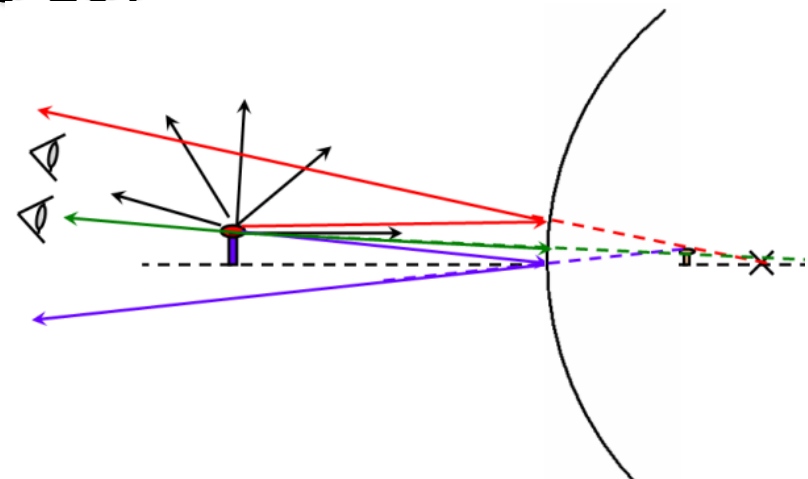


1. Nothing. You won't be able to see the image without the screen.
2. You will still see the image, but it will appear to be floating in front of the mirror.
3. You will still see the image, but it will appear to be on the mirror.
4. You will still see the image, but it will appear to be behind the mirror like it is with a flat mirror.



If we get very far away from the back of a curved mirror of radius R , where does the image appear to go?

Answer physically and mathematically



1. R behind the mirror
2. $R/2$ behind the mirror
3. at the mirror (just behind it)
4. very far behind the mirror



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

