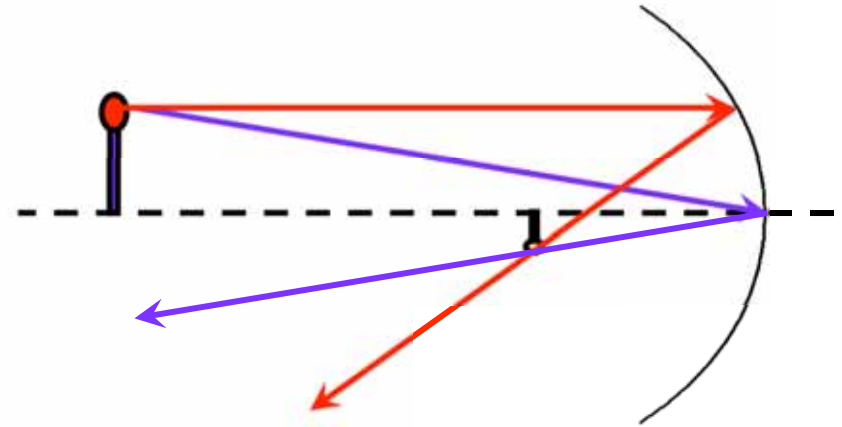


When the object moves closer to the mirror the image gets .....

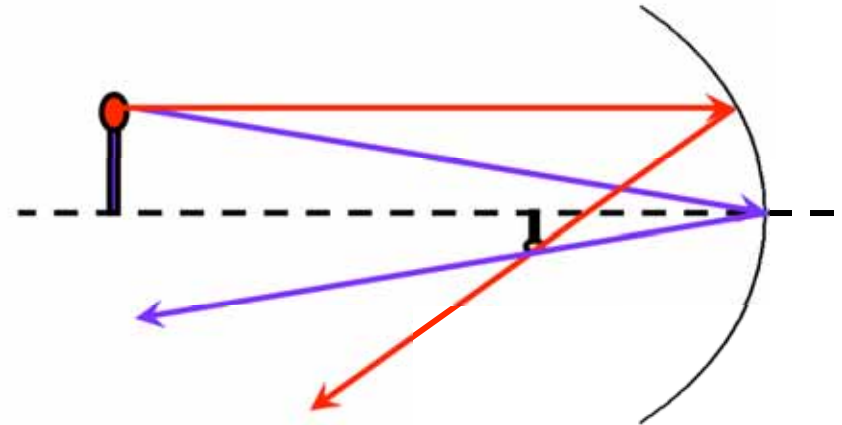
1. Closer to the mirror and larger
2. Closer to the mirror and smaller
3. Farther from the mirror and larger
4. Farther from the mirror and smaller
5. Something else



When the object moves farther from the mirror the image gets ....



1. Closer to the mirror and larger
2. Closer to the mirror and smaller
3. Farther from the mirror and larger
4. Farther from the mirror and smaller
5. Something else





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

