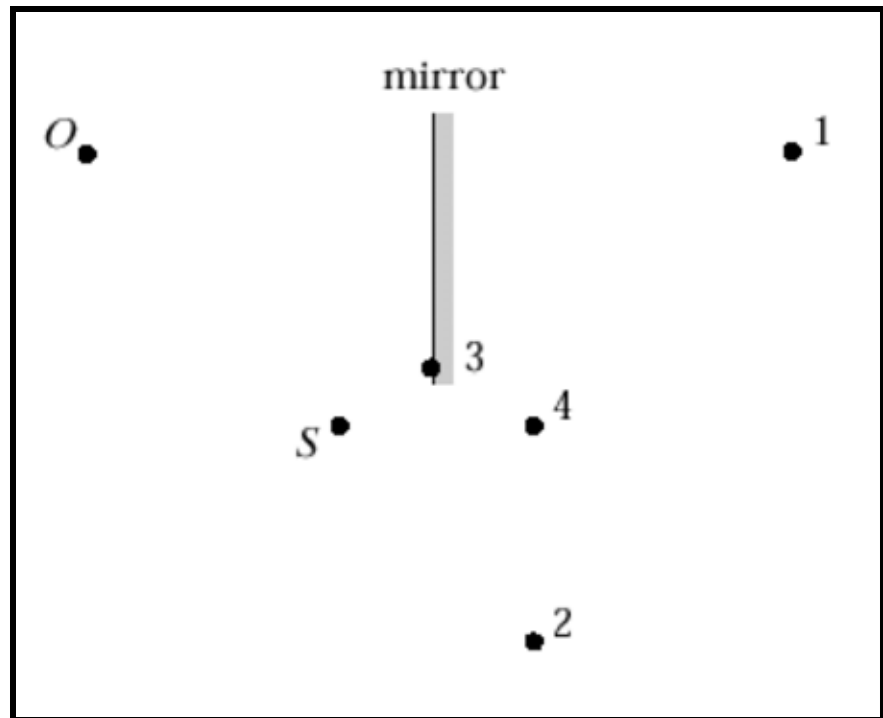




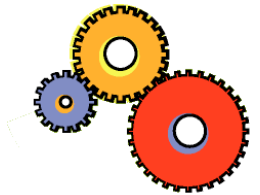
An observer O , facing a mirror, observes a light source S . Where does O perceive the mirror image of S to be located?

1. 1
2. 2
3. 3
4. 4
5. Some other location
6. O cannot see S in the mirror when they are as shown.

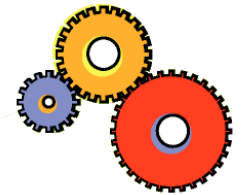


I have a small mirror – about 8 inches high – hanging on my wall. When I'm standing right in front of it, I can only see my head. Can I see all of myself at once by moving far back enough?

1. Yes
2. No
3. I can if I ...



How large a mirror do you need in order to see your whole body?



1. You can see yourself in any size mirror if you go back far enough.
2. About half your size.
3. As big as you are.
4. Some other answer.