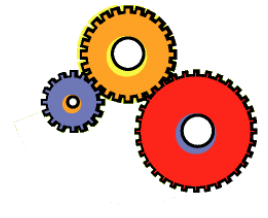


What does a flat mirror do to the image?



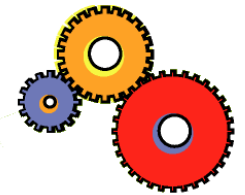
1. Flips it left to right.
2. Flips it upside down.
3. Does both.
4. Does something else.



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.

I once observed a woman on an airplane at night with a camera. As we flew low over Washington DC she was impressed with the view of the city lights in the dark. She stood back in the aisle and tried to take a picture through the window using her flash. Explain why this is a bad idea and what her pictures are likely to show.



4/17/17

Physics 132

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.