- 1. Object height = image height
- 2. Object distance = image distance
- 3. Always forms a virtual image (cannot be projected onto a screen, behind the mirror, upright)
- 4. Image is reversed, left to right

## Drawing plane mirror ray diagrams:

- 1. Draw the object and the mirror
- 2. Draw two incident rays from the object to the mirror
- 3. Construct the reflected rays -- solid line in front of the mirror, dashed line behind to represent the fact that no light actually reaches the image.
- 4. Locate the image where reflected rays intersect behind the mirror.



How much of the mirror is needed to view the image?

