

Image formed by a plane mirror

Questions

1. What kind of an image is formed by the plane mirror?
2. How many rays are sufficient to obtain the image formed?
3. Does the image position change if the object is moved and the observer is stationary?
4. Does the image position change if the object is stationary and the observer moves?
5. Does the image position change if the object and observer are both stationary but the mirror is moved?
6. Is the direction of motion of the image same as the direction of motion of the object?
7. Is the direction of motion of the image same as the direction of motion of the mirror?

Note :

Questions given above may be visualized and answered using the simulations. Obtaining a mathematical solution is to be always treated as the final answer because such a mathematical solution implies that one is able to understand and apply the concept.

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