

NAME: _____

CLASS: _____

DATE: _____

1.



What type of image does this lens form?

☐ A

Real Image

☐ B

No Image

☐ C

Virtual image

2.

A 25.0 m object is placed 30.0 m from a convex lens, which has a focal length of 5.0 m. What is the distance of the image?

☐ A

7 m

☐ B

6 m

☐ C

8 m

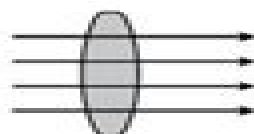
☐ D

9 m

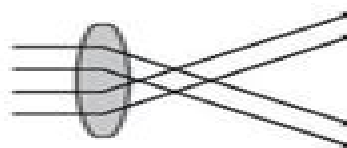
3.

Which figure represents the path light takes through a converging lens?

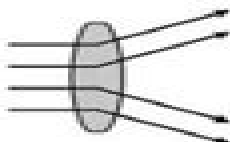
☐ A



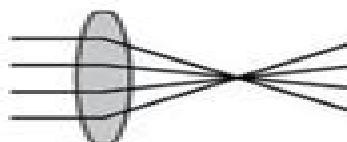
☐ B



☐ C



☐ D



4.

A hollow convex lens of glass will behave like

☐ A

mirror

☐ B

glass plate

☐ C

convex lens

☐ D

concave lens

5.

A concave lens forms the image of an object such that the distance between the object

Geometric Optics Quiz

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