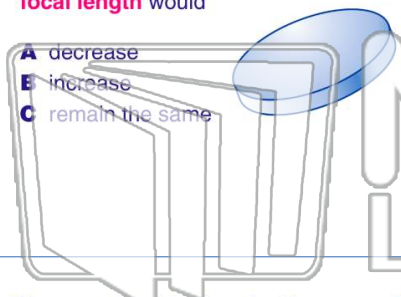




Name _____ Class _____ Date _____

1 If a lens were placed in water, its **focal length** would

- A decrease
- B increase
- C remain the same



2 Which characteristics best describe the **image** produced by a **plane mirror**?

- A real and inverted
- B real and erect
- C virtual and inverted
- D virtual and erect



3 When an object is placed at the **focal point** of a **concave mirror**, the mirror produces



4 Which **optical device** causes **parallel light rays** to **diverge**?

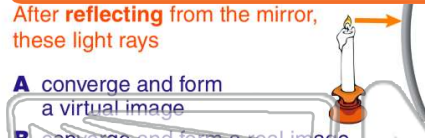
- A convex mirror



PREVIEW

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7 After **reflecting** from the mirror, these light rays

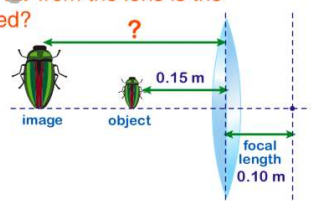


- A converge and form a virtual image
- B converge and form a real image
- C diverge and form a virtual image
- D diverge and form a real image

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- C plane mirror and convex lens
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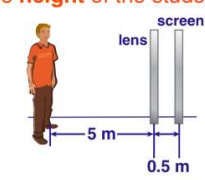
9 An object is located **0.15 meter** from a **converging lens** with focal length **0.10 meter**. How far from the lens is the **image** formed?

- A 0.060 m
- B 0.10 m
- C 0.15 m
- D 0.30 m



10 When a student **1.5 meters** tall stands **5.0 meters** in front of a lens, his image forms on a screen located **0.50 meter** behind the lens. What is the **height** of the student's **image**?

- A 0.015 m
- B 0.15 m
- C 1.5 m
- D 15 m

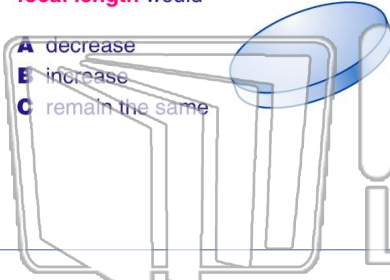




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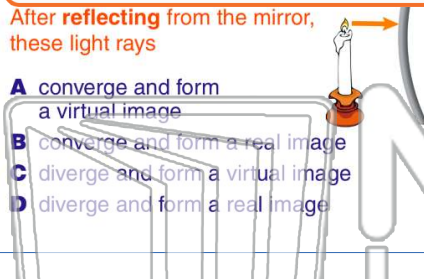


PREVIEW

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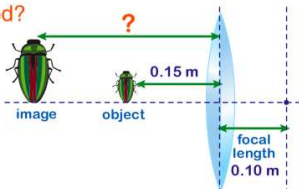
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