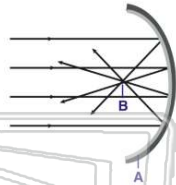




Name _____ Class _____ Date _____

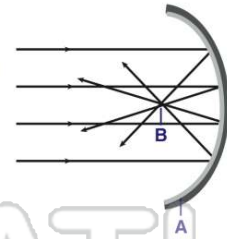
1 In the diagram below, light is reflecting off a mirror back through a focal point. Label A is pointing to what kind of mirror?

- A deflecting
- B reflecting
- C concave
- D convex



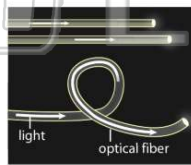
2 In the diagram below, label B is at what point?

- A electromagnetic point
- B object point
- C focal point
- D optic point



3 An optical fiber is a

- A thin tube of copper that conducts a light beam
- B thin tube of glass that conducts a laser



4 Optical fibers can be used to see inside the human body through a long tube. As a result, they are used for

- A studying fingernails
- B looking at bacteria
- C performing surgery



PREVIEW

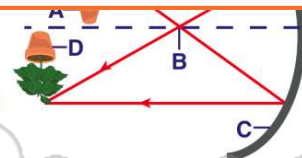
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7

- A hallucination
- B dream
- C mirage
- D thought

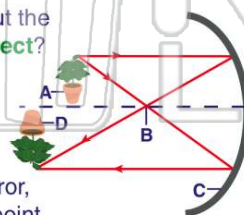


- A image
- B object
- C focal point
- D optical point



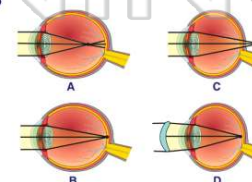
9 Which statement about the diagram below is correct?

- A C is a convex mirror, and B is the focal point
- B C is a concave mirror, and B is the focal point
- C B is the focal point, and A is the image
- D C is a concave mirror, and D is the object



10 The diagrams below show light passing through a human eye. In which of the diagrams is the focal point behind the retina?

- A A
- B B
- C C
- D D

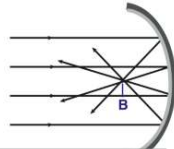




ANSWER KEY

In the diagram below, light is reflecting off a mirror back through a focal point. Label A is pointing to what kind of mirror?

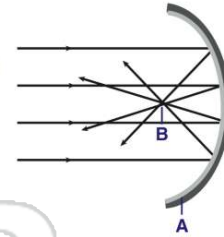
- A deflecting
- B reflecting
- C concave
- D convex



(C)

In the diagram below, label B is at what point?

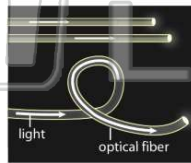
- A electromagnetic point
- B object point
- C focal point
- D optic point



(C)

An optical fiber is a

- A thin tube of copper that conducts a light beam
- B thin tube of glass that conducts a laser
- C part of a pair of eyeglasses



(b)

Optical fibers can be used to see inside the human body through a long tube. As a result, they are used for

- A studying fingernails
- B looking at bacteria
- C performing surgery
- D correcting vision



(C)



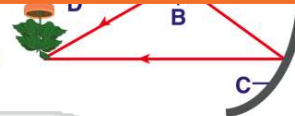
PREVIEW

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- B dream
- C mirage
- D thought

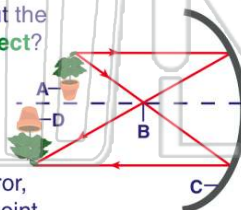


- C focal point
- D optical point



Which statement about the diagram below is correct?

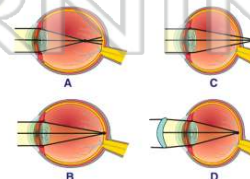
- A C is a convex mirror, and B is the focal point
- B C is a concave mirror, and B is the focal point
- C B is the focal point, and A is the image
- D C is a concave mirror, and D is the object



(b)

The diagrams below show light passing through a human eye. In which of the diagrams is the focal point behind the retina?

- A A
- B B
- C C
- D D



(c)