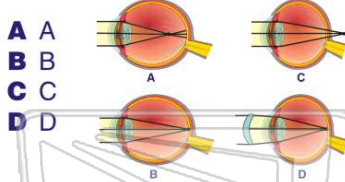




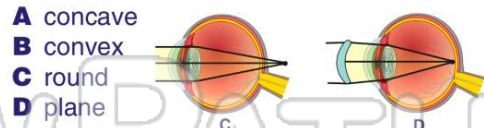
Name _____ Class _____ Date _____

1 The diagrams below shows light passing through a human eye. Which shows an eye of a person who is **nearsighted**?



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

2 The best way to **correct** the vision problem with the eye labeled **C** is to use a **corrective** contact lens such as in **diagram D**. That is a _____ lens.

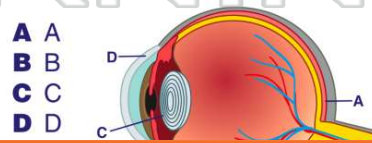


- A concave
- B convex
- C round
- D plane

3 When **standing outside** of a **swimming pool** and looking in, a swimmer saw an object on the bottom. What explains why she **saw the object from above**, but when she dove in, **had a hard time finding it**?

- A pool water reflects light

4 In the diagram of the eye, an **image** is supposed to **focus** at point _____.



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

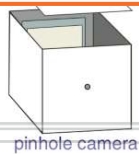


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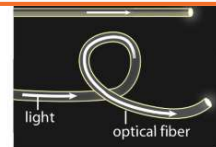
7

- A microchip
- B processor
- C lens
- D film



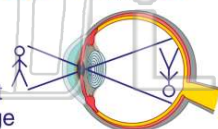
pinhole camera

- A electrical
- B chemical
- C magnetic
- D electromagnetic



9 When looking into a **concave** mirror, a **real image** is _____.

- A an upright image where light rays meet
- B an upside-down image where light rays meet
- C an upside-down image where light rays appear to meet
- D an upright image where light rays appear to meet



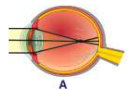
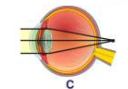
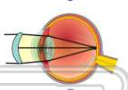
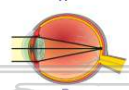
10 When a person looks in a **plane mirror**, he sees _____.

- A a real image of himself
- B an enlarged image of himself
- C a virtual image of himself
- D a mirage of himself

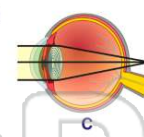
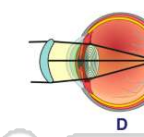


ANSWER KEY

The diagrams below shows light **passing through** a human eye. Which shows an eye of a person who is **nearsighted**?

A A  **(a)**
B B 
C C 
D D 

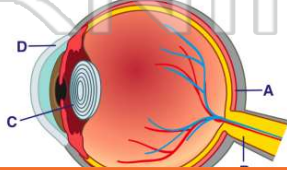
The best way to **correct** the vision problem with the eye labeled **C** is to use a **corrective** contact lens such as in diagram **D**. That is a _____ lens.

A concave  **(b)**
B convex 
C round
D plane

When **standing outside** of a **swimming pool** and looking in, a swimmer saw an object on the bottom. What explains why she **saw the object from above**, but when she dove in, **had a hard time finding it**?

- A** pool water reflects light
B pool water refracts light
C pool water is transparent
D

In the diagram of the eye, an **image** is supposed to **focus** at point _____.

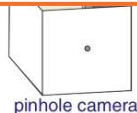
A A  **(a)**
B B
C C
D D



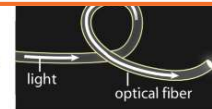
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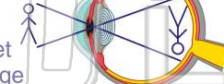
- C** lens
D film



- C** magnetic
D electromagnetic



When looking into a **concave mirror**, a **real image** is _____.

A an upright image where light rays meet  **(b)**
B an upside-down image where light rays meet
C an upside-down image where light rays appear to meet
D an upright image where light rays appear to meet

When a person looks in a **plane mirror**, he sees _____.

- A** a real image of himself **(c)**
B an enlarged image of himself
C a virtual image of himself
D a mirage of himself