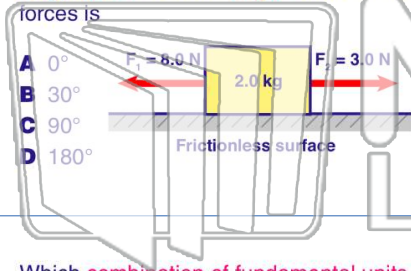




Name \_\_\_\_\_ Class \_\_\_\_\_ Date \_\_\_\_\_

- 1 Two forces act concurrently on an object. Their **resultant force** has the **largest magnitude** when the **angle** between the forces is



- 2 The **mass** of a physics textbook is closest to

- A  $10^3$  kg
- B  $10^1$  kg
- C  $10^0$  kg
- D  $10^{-2}$  kg



- 3 Which **combination of fundamental units** can be used to express the **weight** of an object?

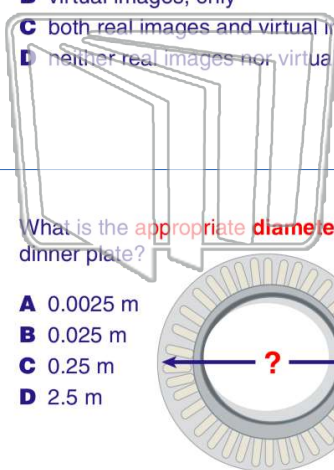
- 4 When a student looks into a **plane mirror**, she sees a **virtual image** of herself. However, when she looks into a sheet of paper, no such image forms.



## PREVIEW

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- 7
- A real images, only
  - B virtual images, only
  - C both real images and virtual images
  - D neither real images nor virtual images

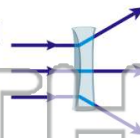


- 9 What is the **appropriate diameter** of a dinner plate?

- A 0.0025 m
- B 0.025 m
- C 0.25 m
- D 2.5 m

- 10 of **-0.20 meter**. Compared to the object, the **image** formed by the lens is

- A smaller, inverted, and real
- B larger, inverted, and real
- C smaller, erect, and virtual
- D larger, erect, and virtual



- 10 A man weighs **900 newtons** standing on a scale in a stationary elevator. If some time later the reading on the scale is **1200 newtons**, the **elevator** must be moving with

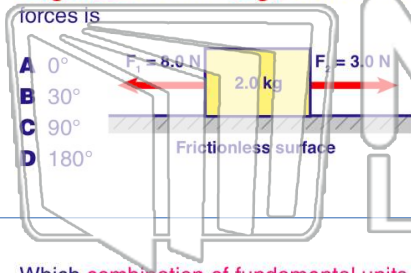
- A constant acceleration downward
- B constant speed downward
- C constant acceleration upward
- D constant speed upward





Name \_\_\_\_\_ Class \_\_\_\_\_ Date \_\_\_\_\_

1 Two forces act concurrently on an object. Their **resultant force** has the **largest magnitude** when the **angle** between the forces is



- A 0°
- B 30°
- C 90°
- D 180°

2 The **mass** of a physics textbook is closest to

- A  $10^3$  kg
- B  $10^1$  kg
- C  $10^0$  kg
- D  $10^{-2}$  kg



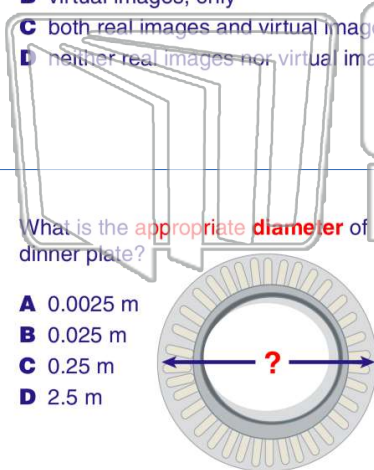
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5 **PREVIEW**  
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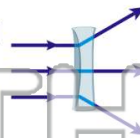


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