



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

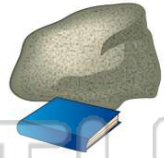
1 \_\_\_\_\_ is when you use **force** upon an object **causing the object to move**.

- A Volume
- B Mass
- C Work
- D Friction



2 The **amount of work** you do has to do with how much force you need to use and how far you move an object. Which example would require **more work**?

- A moving a book
- B lifting up a heavy rock
- C picking up an eraser
- D pushing a toy car



3 If you **do not move an object**, no matter how hard you push or pull, \_\_\_\_\_ work is being done.

- A no
- B some



4 Which of the following is an example of **work not being done**?

- A person pushing crate across floor
- B girl taking a book off the shelf to her desk
- C boy kicking soccer ball in goal



## PREVIEW

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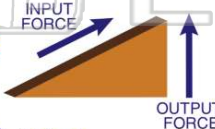
- A often
- B sometimes
- C always
- D never



- C inclined plane
- D wedge

9 A(n) \_\_\_\_\_ is a **simple machine** that **connects a higher area to a lower area**, allowing you to move an object up or down by rolling or sliding it **without lifting** the object directly.

- A inclined plane
- B lever
- C screw
- D wheel and axle



10 Which is an example of an **inclined plane**?

- A table
- B counter
- C ramp
- D chair





## ANSWER KEY

\_\_\_\_\_ is when you use **force** upon an object **causing the object to move**.

- A Volume
- B Mass
- C Work
- D Friction



(c)

The **amount of work** you do has to do with how much force you need to use and how far you move an object. Which example would require **more work**?

- A moving a book
- B lifting up a heavy rock
- C picking up an eraser
- D pushing a toy car



(b)

If you **do not move an object**, no matter how hard you push or pull, work is being done.

- A no
- B some
- C a lot of
- D all



(a)

Which of the following is an example of **work not being done**?

- A person pushing crate across floor
- B girl taking a book off the shelf to her desk
- C boy kicking soccer ball in goal
- D man trying to move large rock

(d)



## PREVIEW

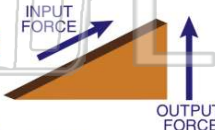
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- B sometimes
- C always
- D never



D wedge

A(n) \_\_\_\_\_ is a **simple machine** that **connects a higher area to a lower area**, allowing you to move an object up or down by rolling or sliding it **without lifting** the object directly.



(a)

- A inclined plane
- B lever
- C screw
- D wheel and axle

Which is an example of an **inclined plane**?

- A table
- B counter
- C ramp
- D chair



(c)