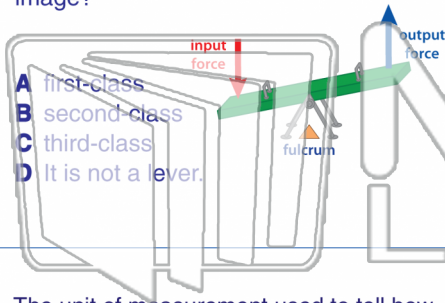




Name _____ Class _____ Date _____

1 What type of **lever** is shown in this image?



- A first-class
- B second-class
- C third-class
- D It is not a lever.

2 These objects are a type of **simple machine** called a(n) _____.

- A inclined plane
- B lever
- C axle
- D wedge



3 The unit of measurement used to tell how much work has been done is called a **joule**. What is 1 joule equal to?

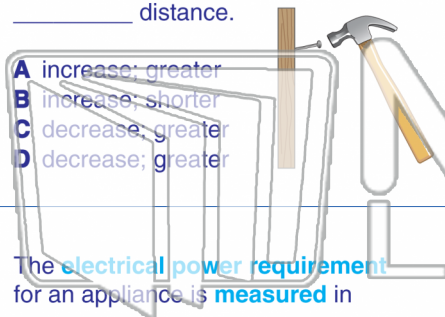
4 What is the **mechanical advantage** of this pulley?



PREVIEW

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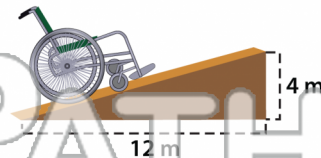
7 _____ input force over a shorter distance in order to achieve a smaller output force over a _____ distance.



- A increase; greater
- B increase; shorter
- C decrease; greater
- D decrease; greater

8 _____ the **ramp** in the picture.

- A 0.25
- B 3
- C 4
- D 12



9 The **electrical power requirement** for an appliance is **measured** in _____.

- A joules
- B Newtons
- C watts
- D meters



10 Lawn mower A mows the lawn in **30 minutes**. Lawn mower B mows the same lawn in **15 minutes**. Which mower does **more work**?

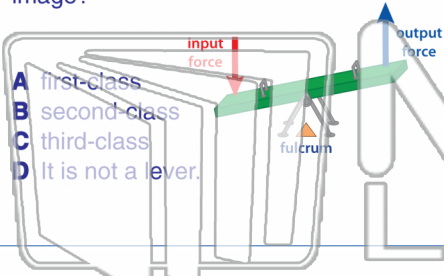
- A Mower A
- B Mower B
- C They do the same amount of work.
- D Neither is doing work.






Name _____ Class _____ Date _____

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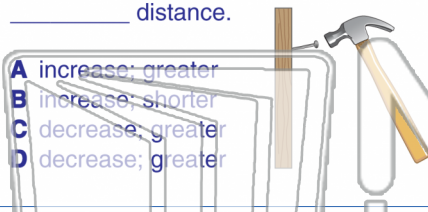
5



PREVIEW

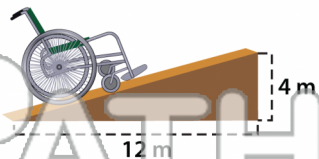
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