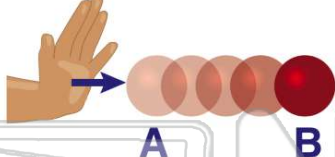




Name \_\_\_\_\_ Class \_\_\_\_\_ Date \_\_\_\_\_


1 In science, \_\_\_\_\_ is when **force** is used to **make an object move**.

**A** gravity  
**B** pulling  
**C** work  
**D** energy



2 When a ball \_\_\_\_\_, **work** is done.

**A** stays still  
**B** is pushed up a ramp  
**C** does not move  
**D** weighs a lot




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 What is true of **simple machines**?

**A** They make less work.  
**B** They make work easier.  
**C** They make more work



5



**PREVIEW**

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7

**A** many different  
**B** only two  
**C** just a few  
**D** three




**A** An incline plane  
**B** A wedge  
**C** A pulley  
**D** A wheel and axle



9 The **ramp** in this picture is an example of a(n) \_\_\_\_\_.

**A** pulley  
**B** inclined plane  
**C** wedge  
**D** screw



10 Which simple machine would be best to use to **move a piano on wheels** into the back of a truck?

**A** pulley  
**B** inclined plane  
**C** wedge  
**D** screw

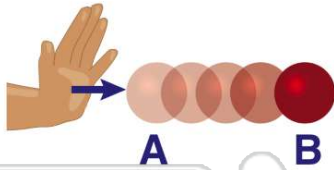




## ANSWER KEY

In science, \_\_\_\_\_ is when **force** is used to **make an object move**.

- A gravity
- B pulling
- C work
- D energy



(C)

When a ball \_\_\_\_\_, **work** is done.

- A stays still
- B is pushed up a ramp
- C does not move
- D weighs a lot



(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 very little
- D a lot



(a)

What is true of **simple machines**?

- A They make less work.
- B They make work easier.
- C They make more work.
- D They make work harder.



(b)



## PREVIEW

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- B only two
- C just a few
- D three



- B A wedge
- C A pulley
- D A wheel and axle



The **ramp** in this picture is an example of a(n) \_\_\_\_\_.

- A pulley
- B inclined plane
- C wedge
- D screw



(b)

Which simple machine would be best to use to **move a piano on wheels** into the back of a truck?

- A pulley
- B inclined plane
- C wedge
- D screw



(b)