



Name _____ Class _____ Date _____

1 What **simple machine** is on a flagpole which helps raise the flag up to the top of the flagpole?

- A a wedge
- B a pulley
- C a screw
- D a lever



2 If you take a rubber band and **pull it back but do not yet let it go**, this is an example of _____ energy.

- A motion
- B renewable
- C kinetic
- D potential



3 When you rub your hands together quickly you are using _____ energy to **create heat energy**.

- A light
- B potential



4 When you wear a **black shirt** outside on a sunny day, the black color of your shirt will _____ the light from the sun, so **you will feel warmer**.

- A absorb
- B refract



PREVIEW

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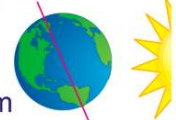
7 You are sitting on a chair that looks like your body.

- A position
- B shadow
- C solution
- D matter



8 The sun is closer to _____ the sun during the winter months.

- A close to
- B near
- C away from
- D towards



9 Everyday on earth, no matter what date it is, is always 24 hours long. The earth makes _____ complete **rotation(s)** on its axis each day.

- A 1
- B 2
- C 3
- D 4



10 When it is daytime on our side of planet **earth**, what is it like for people on the **exact opposite side of the earth**?

- A It is daytime too.
- B It is nighttime.
- C It is afternoon.
- D It is morning.





ANSWER KEY

What **simple machine** is on a flagpole which helps raise the flag up to the top of the flagpole?

- A a wedge
- B a pulley
- C a screw
- D a lever



(b)

If you take a rubber band and **pull it back but do not yet let it go**, this is an example of _____ energy.

- A motion
- B renewable
- C kinetic
- D potential



(d)

When you rub your hands together quickly you are using _____ energy to **create heat energy**.

- A light
- B potential
- C mechanical
- D potential



(c)

When you wear a **black shirt** outside on a sunny day, the black color of your shirt will _____ the light from the sun, so **you will feel warmer**.

- A absorb
- B refract
- C reflect



(a)



PREVIEW

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- A position
- B shadow
- C solution
- D matter



Everyday on earth, no matter what date it is, is always 24 hours long. **The earth makes _____ complete rotation(s) on its axis each day.**

- A 1
- B 2
- C 3
- D 4



(a)

months.

- A close to
- B near
- C away from
- D towards



When it is daytime on our side of planet **earth**, what is it like for people on the **exact opposite side of the earth**?

- A It is daytime too.
- B It is nighttime.
- C It is afternoon.
- D It is morning.



(b)