QUIZIZZ Worksheets

Name

Class

Date

Kinetic and Potential Energy

Total questions: 20

Worksheet time: 10mins

1. Energy due to motion is _____ energy.

   a) Potential
   b) Energy
   c) Kinetic
   d) Friction

2. The faster an object moves, the _____ kinetic energy it has.

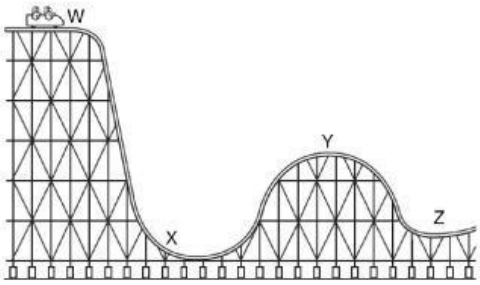
   a) more
   b) less
   c) none of the above
   d) all of the above

3. _____ is stored energy.

   a) Potential
   b) Kinetic
   c) None of the above
   d) All of the above

4. When you stretch a rubber band, you are storing _____ energy.

   a) kinetic
   b) potential
   c) none of the above
   d) all of the above

5. 

   At which point is potential energy greatest?

   a) W
   b) X
   c) Y
   d) Z

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6. 

What kind of energy is in a moving skateboard?

a) Potential
b) Kinetic
c) Both potential and kinetic energy
d) none of the above

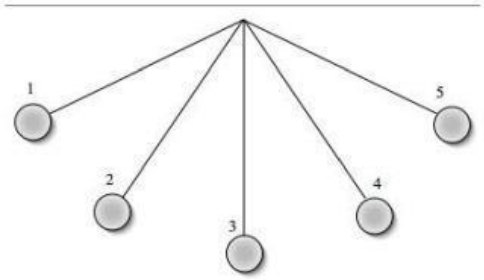
7. 

What kind of energy is in a rock at the edge of a cliff?

a) Potential
b) Kinetic
c) Both potential and kinetic energy
d) none of the above

8. Which is the best example that something has kinetic energy?

a) a. a car parked on a steep hill
b) b. a tennis ball rolling across the court
c) c. a picture hanging on the wall
d) d. a piece of coal before it's burned

9. 

When a pendulum swings, at which point is kinetic energy highest?

a) 1
b) 2
c) 3
d) 4

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10. Which is an example of potential energy?

a) a roller coaster speeding down a hill
b) the pulled back string on an archers's bow
c) releasing the strings on a guitar
d) an electric current lighting a light bulb

11. At the top of a loop there is more of this type of energy?

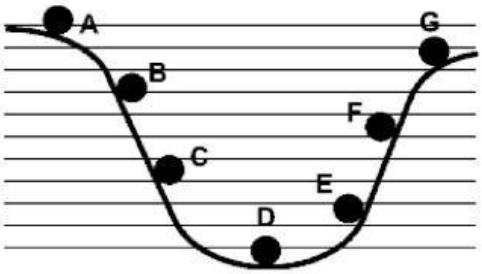
a) Potential
b) Kinetic

12. On a roller coaster, where is maximum potential energy?

a) At the bottom of a big hill
b) When going around a corner
c) When going upside down
d) At the top of a big hill

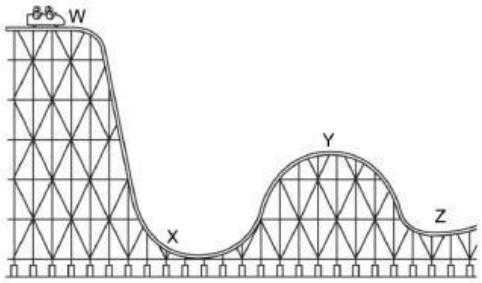
13. On a roller coaster, where is maximum kinetic energy?

a) At the bottom of a big hill
b) When going around a corner
c) When going upside down
d) At the top of a big hill

14. 

Which point has the most potential energy?

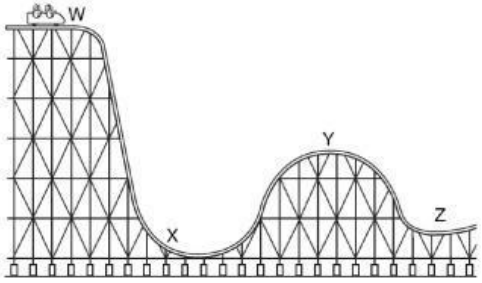
a) G
b) f
c) b
d) a

15. 

Which 2 letters have the most kinetic energy

a) W & Y
b) X & Z

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16. 

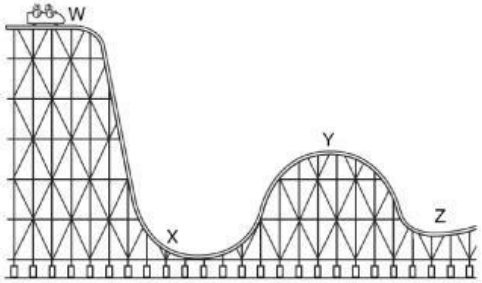
At which point is potential energy greatest?

a) W
b) X
c) Y
d) Z

17. 

What kind of energy is in an acorn hanging from an oak tree?

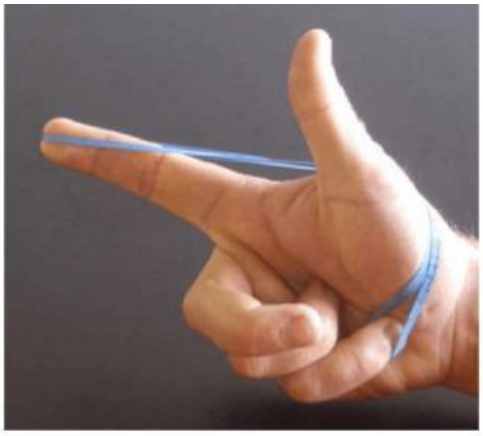
a) Potential
b) Kinetic

18. 

At which point is kinetic energy greatest?

a) W
b) X
c) Y
d) Z

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19. 

What kind of energy is in a stretched rubber band?

a) Potential

b) Kinetic

20. 

Where would a person have to be located to have the minimum gravitational potential energy?

a) up on the roof

b) down in the basement

c) in the middle

d) outside

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