

**SCREAM - T**

SOUND

CHEMICAL

RADIANT or (ELECTROMAGNETIC) is a synonym

ELECTRICAL or the E can also stand for ELASTIC

ATOMIC or (NUCLEAR) is a synonym

MECCHANICAL *KE or MECHANICAL STORED PE aka ELASTIC*

THERMAL or HEAT is a synonym

Other – Gravitational *PE*

# **Directions:**

**In each of the following slides you be  
tasked with identifying which, type of  
energy the image most clearly represents.  
Then select kinetic KE or potential PE.**

NAME \_\_\_\_\_ PER \_\_\_\_\_ DATE \_\_\_\_\_ MAILBOX \_\_\_\_\_

Directions: In each of the following slides you be tasked with identifying which, type of energy the image most clearly represents. Then select kinetic KE or potential PE. Use the terms bank below to identify types.

- SCREAM - T
- SOUND
- CHEMICAL
- RADIANT or (ELECTROMAGNETIC) is a synonym
- ELECTRICAL or the E can also stand for ELASTIC
- ATOMIC or (NUCLEAR) is a synonym
- MECHANICAL KE or MECHANICAL STORED PE aka ELASTIC
- THERMAL or HEAT is a synonym
- & Gravitational

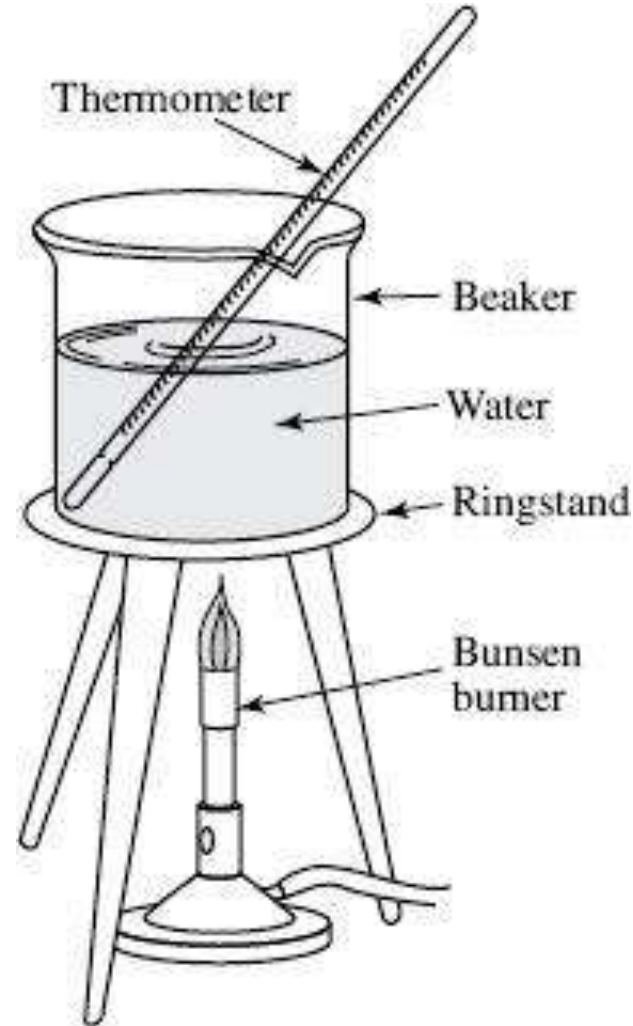
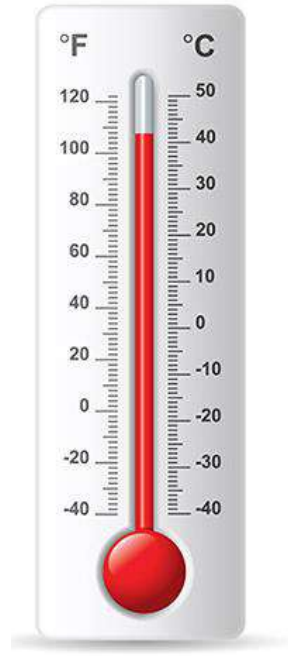
- |           |                   |
|-----------|-------------------|
| 1. _____  | PE or KE ← CIRCLE |
| 2. _____  | PE or KE          |
| 3. _____  | PE or KE          |
| 4. _____  | PE or KE          |
| 5. _____  | PE or KE          |
| 6. _____  | PE or KE          |
| 7. _____  | PE or KE          |
| 8. _____  | PE or KE          |
| 9. _____  | PE or KE          |
| 10. _____ | PE or KE          |
| 11. _____ | PE or KE          |

MULITPLE CHOICE

- 12. \_\_\_\_\_
- 13. \_\_\_\_\_
- 14. \_\_\_\_\_

1. The images most clearly depict which type of energy ? \_\_\_\_\_

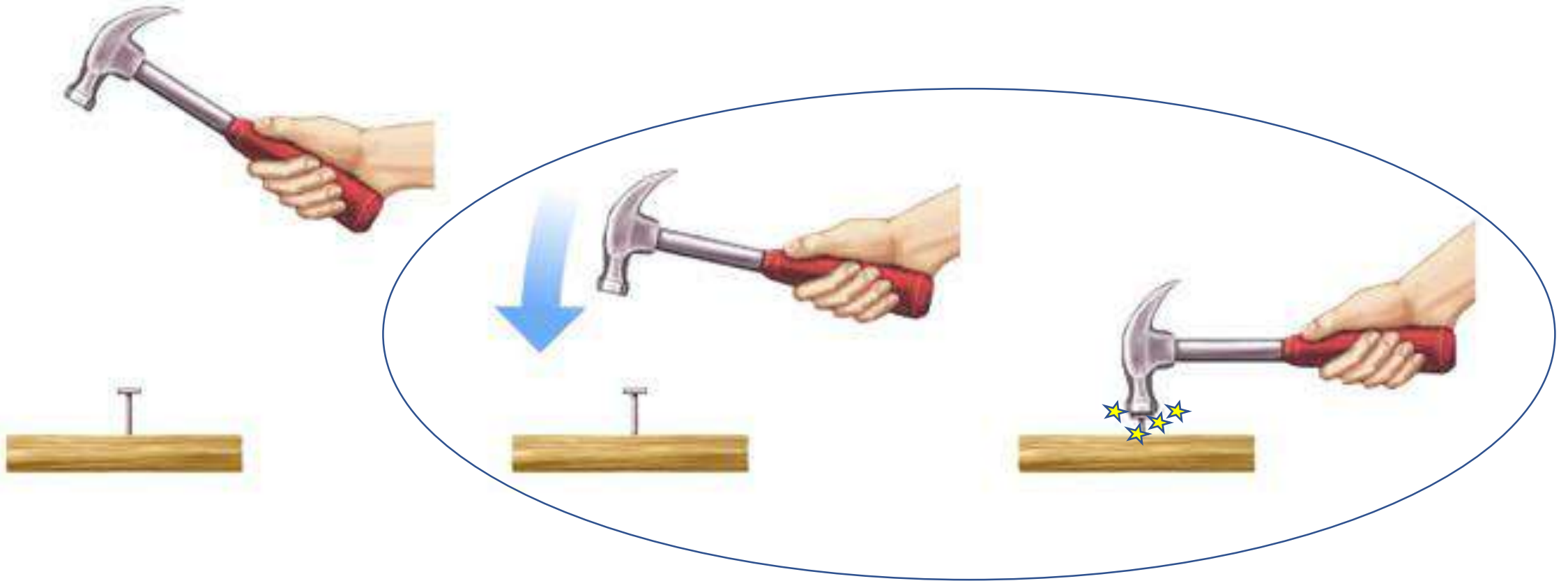
Is this KE or PE?



2. The image most clearly depicts which type of energy ?

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Is this KE or PE?



3. The image on the left, prior to the arrow's release most clearly depicts which, type of energy ? \_\_\_\_\_

Is this KE or PE?



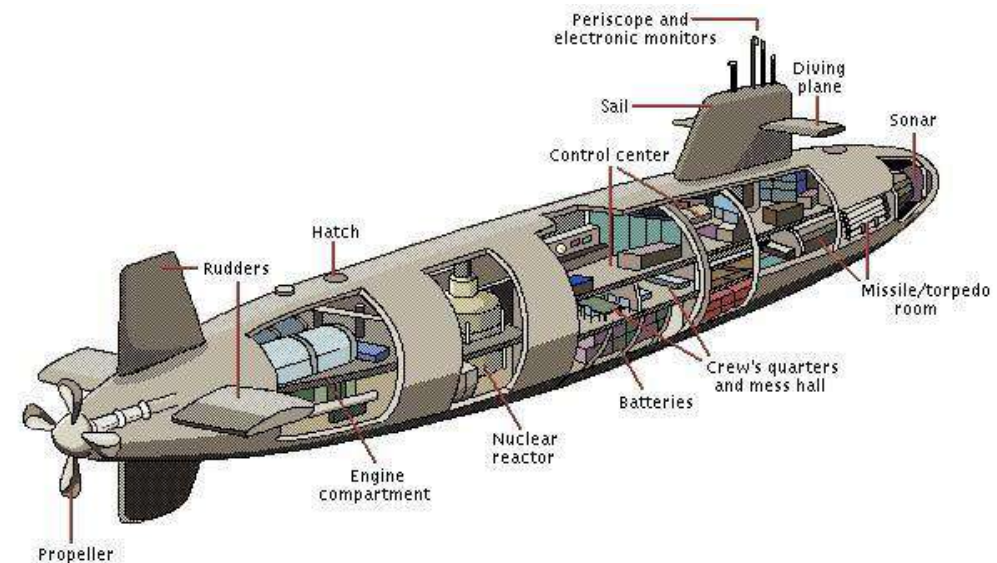
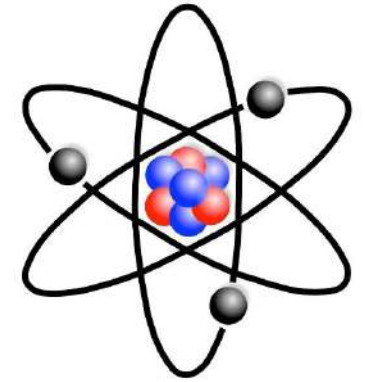
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4. The images most clearly depict which type of energy ?

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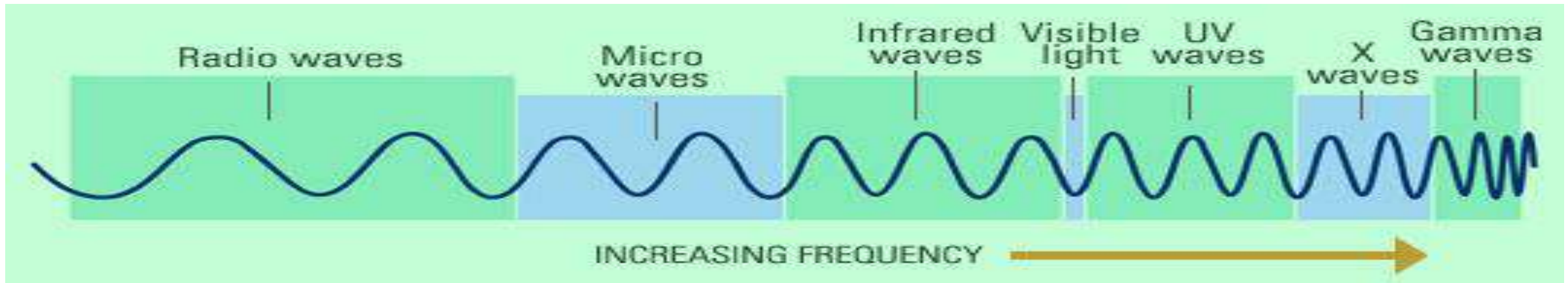
Is this KE or PE?



5. The images most clearly depict which type of energy?

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Is this KE or PE?





6. The images most clearly depict which type of energy ?

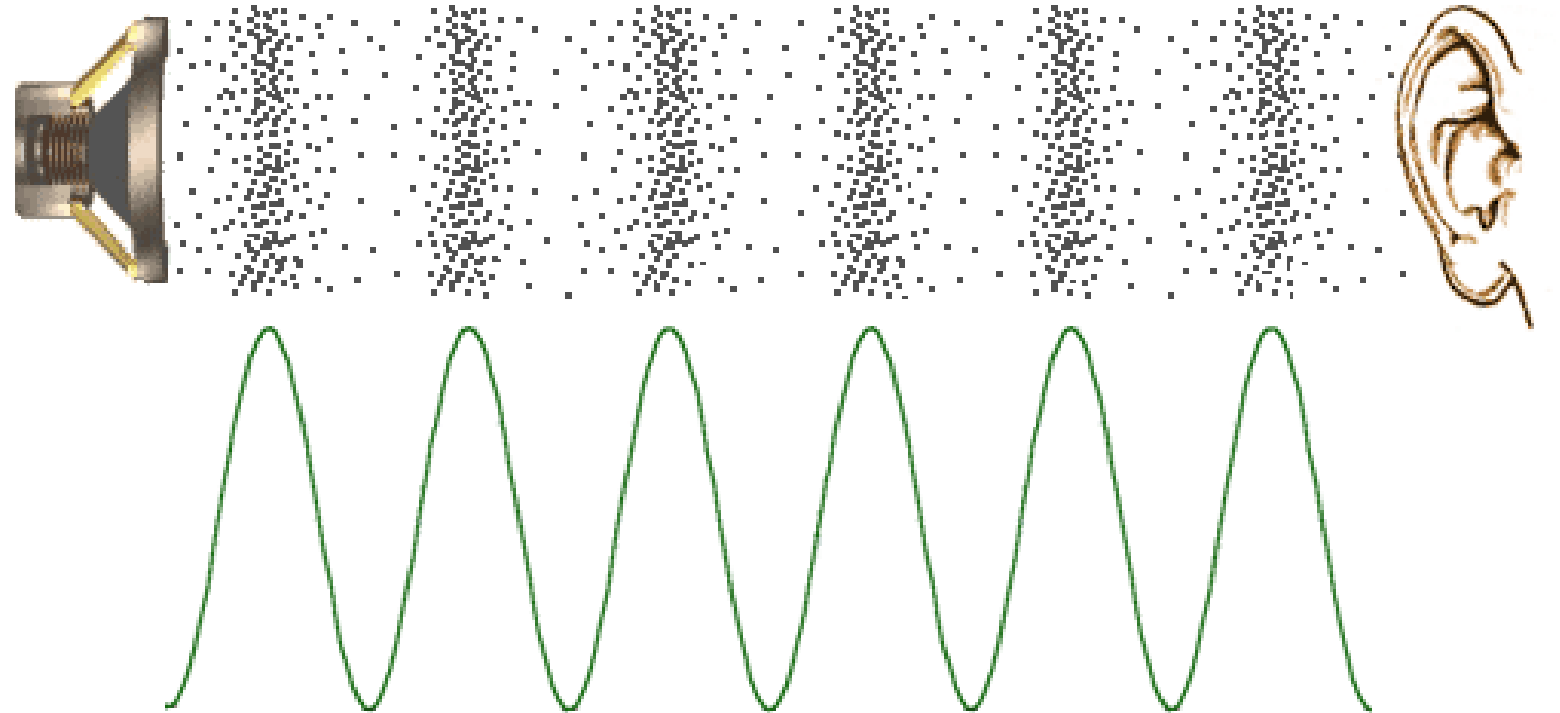
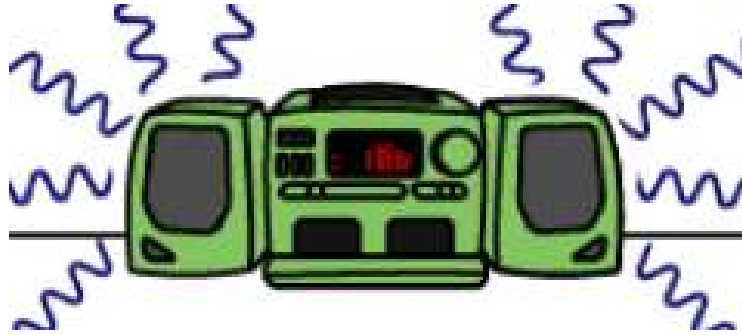
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Is this KE or PE?



7. The images most clearly depict which type of energy ?

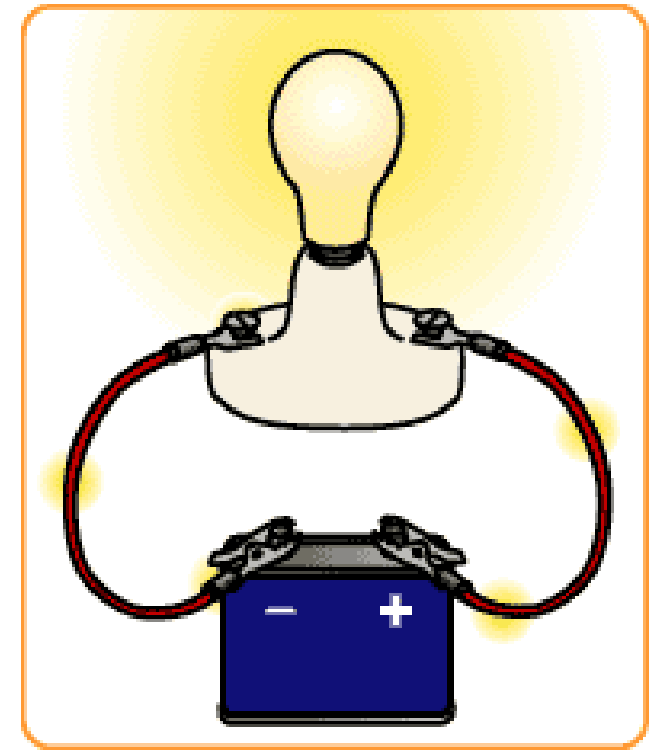
Is this KE or PE?



8. The images most clearly depict which type of energy ?

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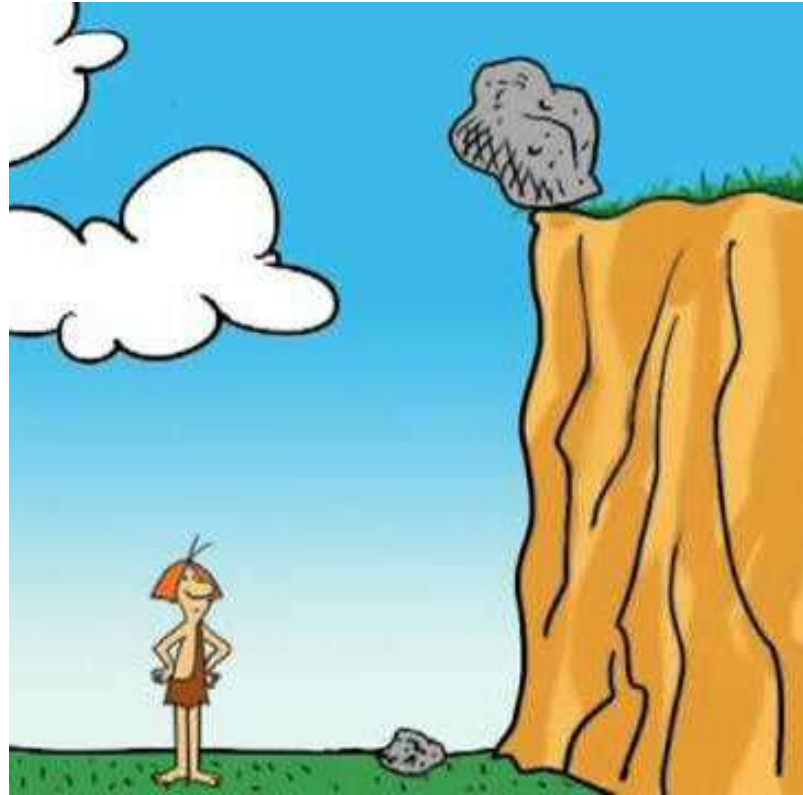
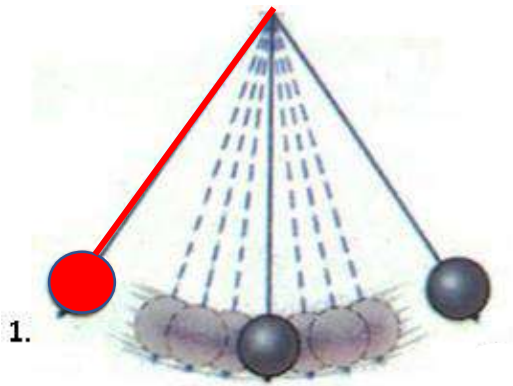
Is this KE or PE?



9. The images most clearly depict which type of energy specifically?

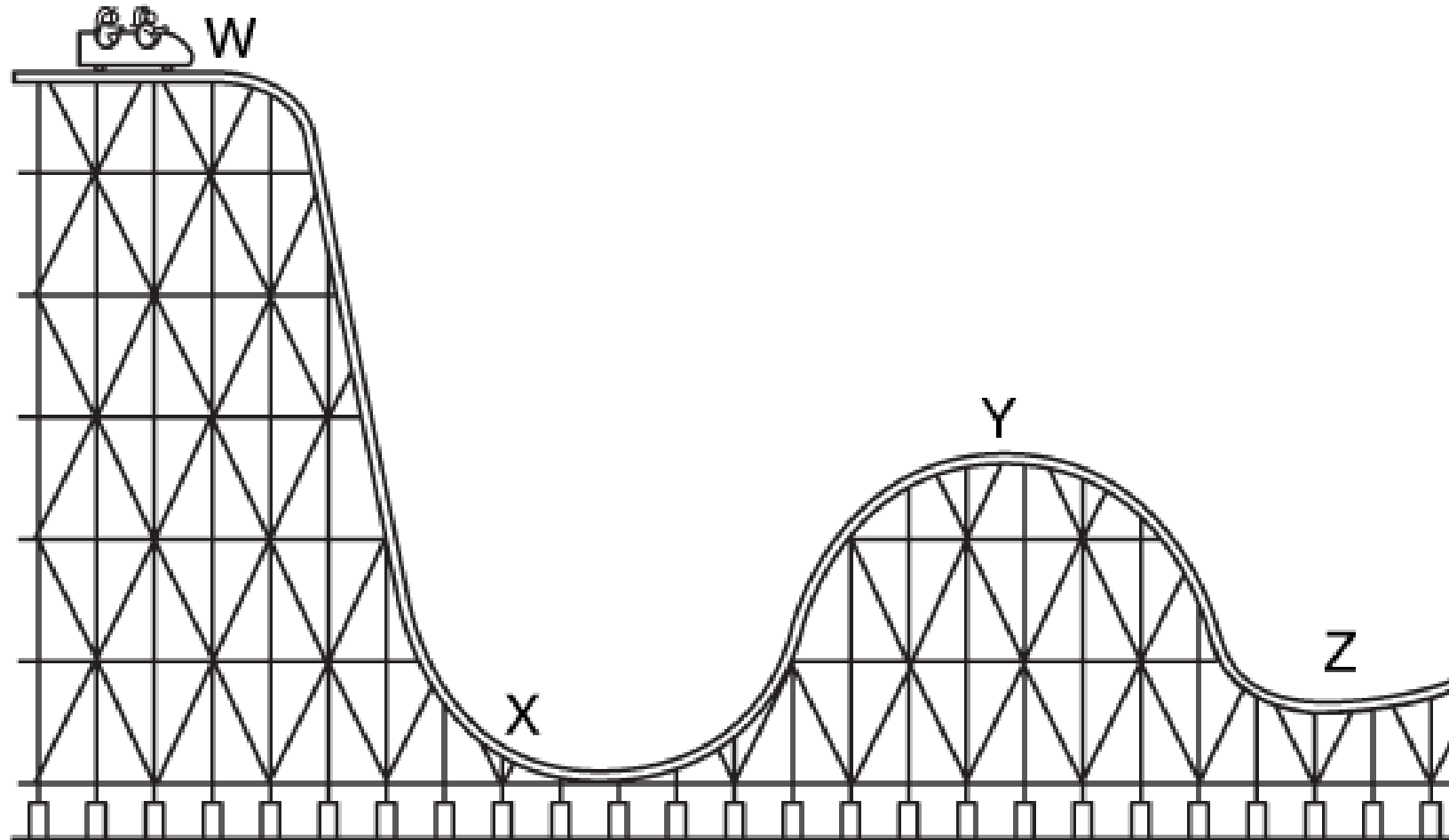
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Is this KE or PE?



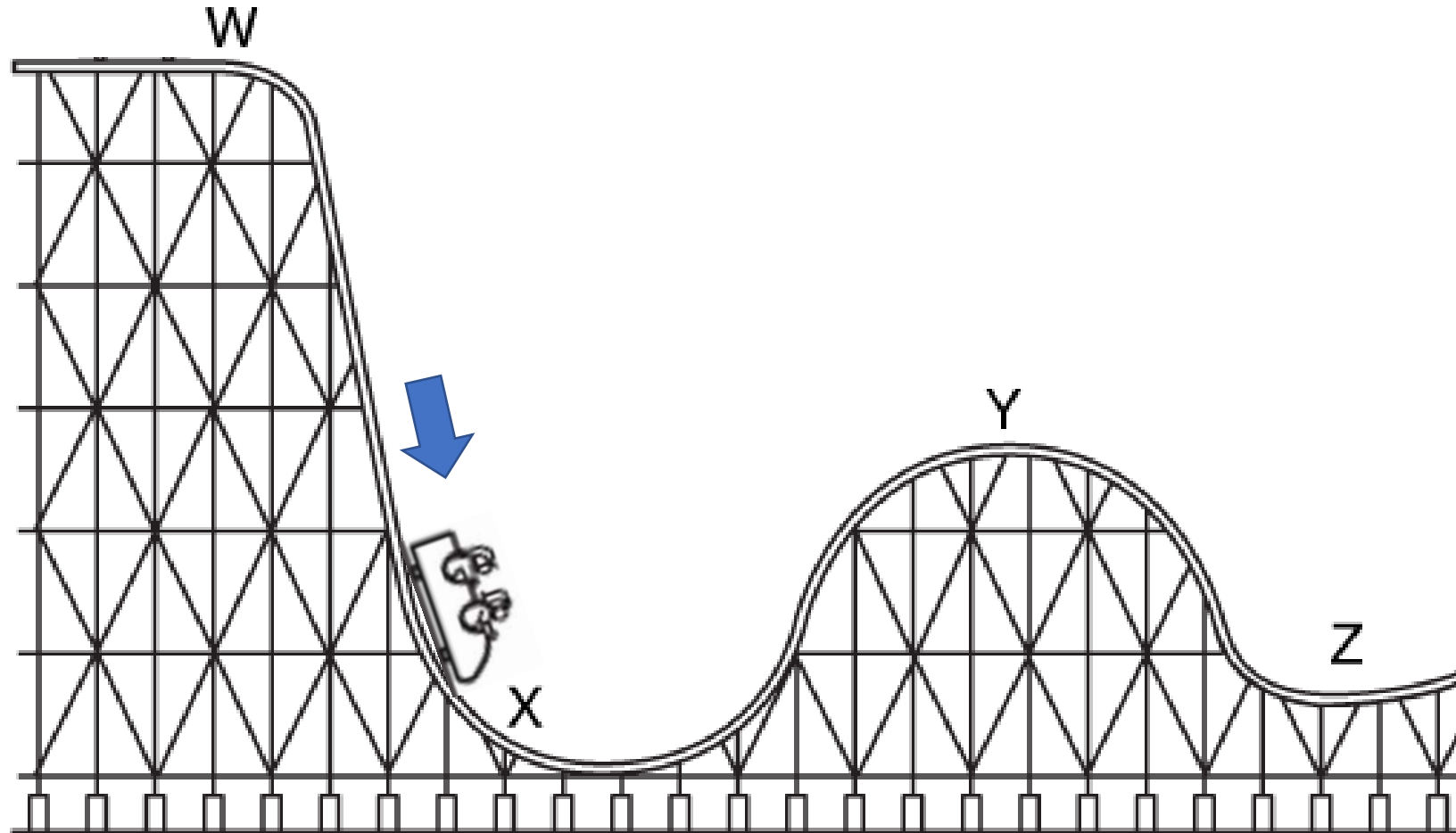
10. The roller coaster most clearly depicts which type of energy  
at position W? \_\_\_\_\_

Is this KE or PE?



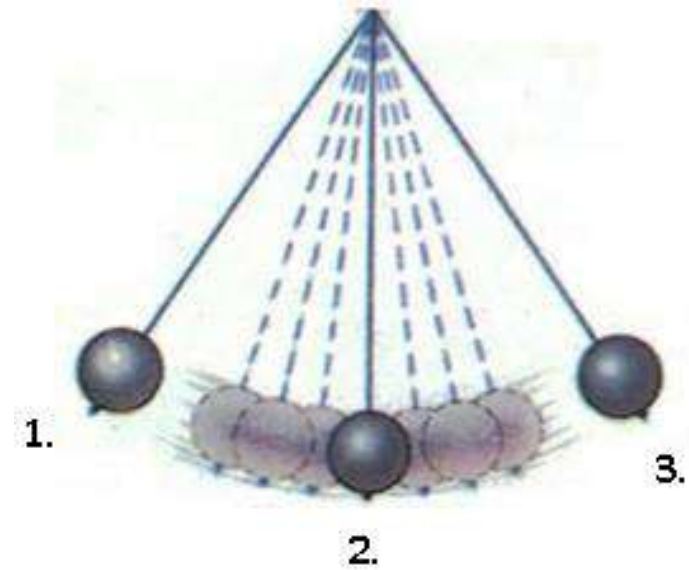
11. The roller coaster most clearly depicts which type of energy at position X? \_\_\_\_\_

Is this KE or PE?



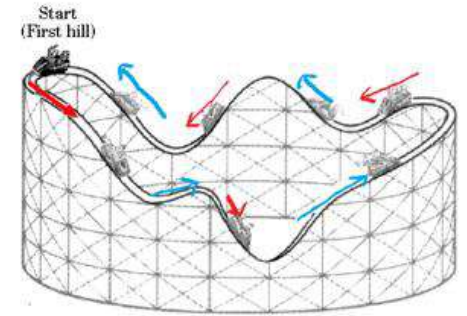
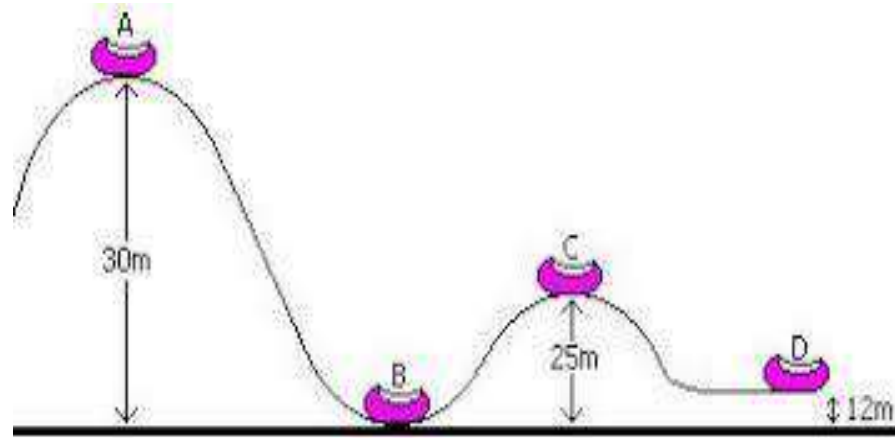


12. Which of the following accurately depicts the energy transformation that is occurring?



- A. position 1 -> position 2 -> position 3 -> position 2  
Kinetic -> potential -> kinetic -> potential
- B. position 1 -> position 2 -> position 3 -> position 2  
potential -> potential -> kinetic -> kinetic
- C. position 1 -> position 2 -> position 3 -> position 2  
potential -> kinetic -> potential -> kinetic

13. Which of the following accurately depicts the energy transformation that is occurring?



- A. Roller at start -> coaster moving -> 2<sup>nd</sup> hill top -> coaster moving  
Kinetic -> potential -> kinetic -> potential
- B. Roller at start -> coaster moving -> 2<sup>nd</sup> hill top -> coaster moving  
potential -> kinetic -> potential -> kinetic

14. Which of the following accurately depicts the energy transformation that is occurring in a cell phone?



battery -> plug it in (charging) -> receive a text (wifi) -> make a call & talk

- A. Chemical -> electrical -> radiant -> sound
- B. atomic -> electrical -> radiant -> sound
- C. chemical -> elastic -> radiant -> gravitational