

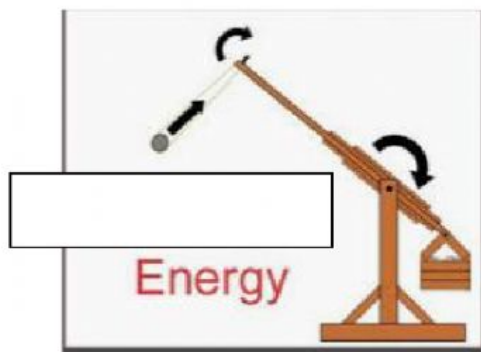


Natural Science UNIT 5 Test 2

Unit 5. Matter and energy.

Test 2: Energy, types of energy, changes of state, forces, etc.

1. Everything you can think of is using _____ all the time, even we can't observe it.
2. _____ energy is stored and can be used when we need.
3. When the mobile phone vibrates for example is _____ energy.
4. What type of energy is?



5. What type of energy is involved in transferring heat from one object to another? _____ energy.
6. Look at the pictures. Which energy is about? _____ energy.



7. Sound energy is transmitted through sound _____.



8. This question is about changes. Complete the two gaps with **Physical** or **Chemical**. Don't write the word changes.



Burning of coal



Burning of candle



Rusting of metal



Explosion of firecracker



Decomposition of organic matter



Ripening of fruits



Boiling of water



Drying of clothes



Melting of ice cream



Beating of metal



Glowing of bulb



Cutting of fruits

9. What is happening in the picture? Write just the correct letter **A**, **B** or **C**.



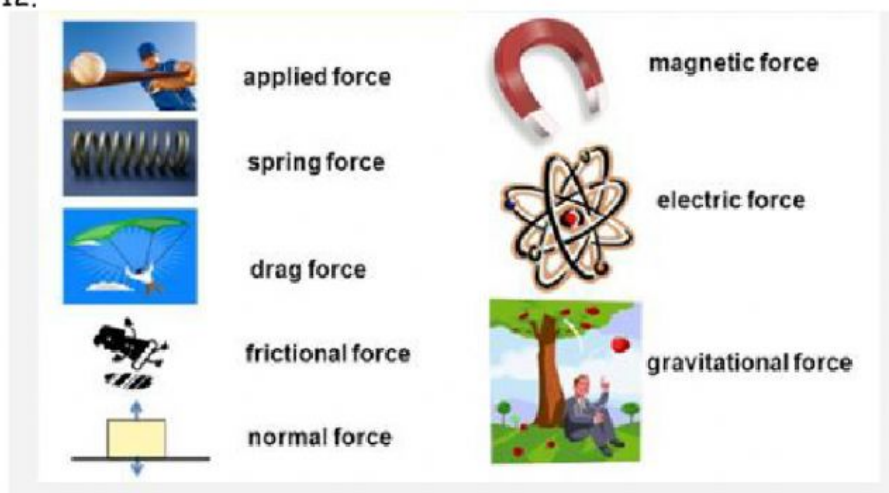
- A. Change of state
- B. Expansion caused by the heat.
- C. Temperature variation.



10. _____ make things move. It can be a push or pull movement.

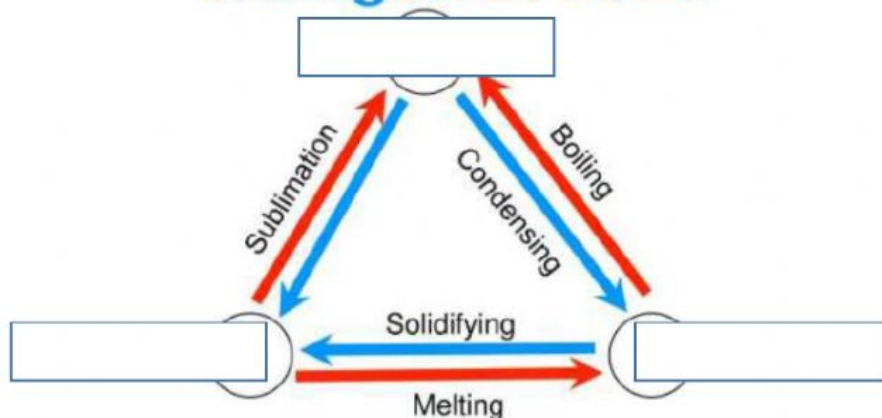
11. Contact or non-contact? Write 1 in the gap of contact and 2 in the gap of non-contact.

12.



12. Complete the gaps Solids, Liquids and Gases.

Changes of State



13. An object undergoes _____ deformation if it doesn't return to its original shape after we remove the force. The change is temporary



14. We called _____ when the object doesn't return to its original shape and we can't reshape it, so the change is permanent.
15. An object undergoes _____ deformation if it returns to its original shape after we remove the force.