

## Review for Final test

### 1. Chemical change (CH) or Physical change (PH)?



### 2. Physical or chemical?

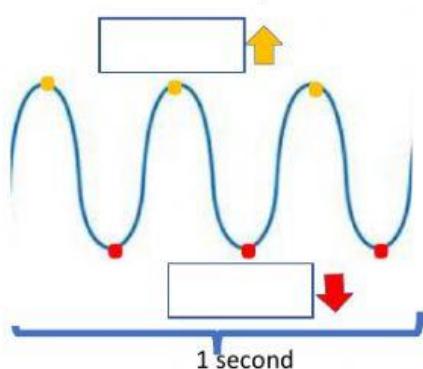
A \_\_\_\_\_ change does not change the particles that make up the matter.

A \_\_\_\_\_ change produces a completely different kind of matter.

### 3. Match:

• Heat energy	is the movement of electric charges.
• Light energy	is energy that we can see.
• Electrical energy	is the transfer of energy from a warmer to a cooler object.
• Sound energy	is energy that motion or position gives to an object.
• Mechanical energy	is produced by vibrating objects.

**4. Label the picture:**



crest

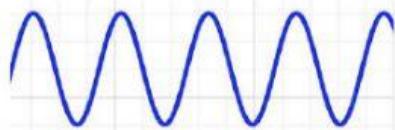
trough

Frequency = \_\_\_\_\_  
cycles per second.

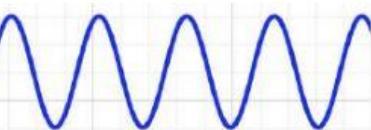
**5. Match:**

1. Frequency	piece of equipment that shows waves on a screen
2. Wavelength	high points on waves shown on oscilloscope screens
3. Oscilloscope	distance between similar points on two waves next to each other
4. Crests	number of waves that pass a point in a certain amount of time

**6. Tick a sound wave with  
longer wavelength:**



**7. Tick a sound wave  
with higher pitch:**



**8. Tick a wave with bigger amplitude.**

