

Review for Final test

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









2. *Physical or chemical?*

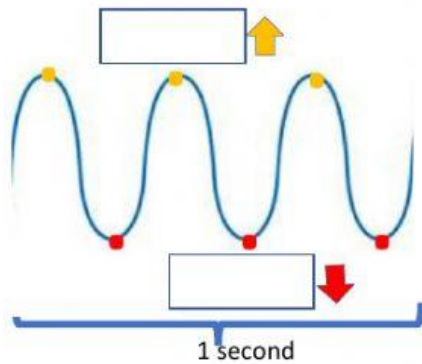
A _____ change does not change the particles that make up the matter.

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

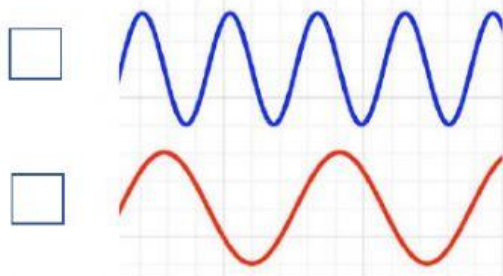
Frequency = _____
cycles per second.

5. Match:

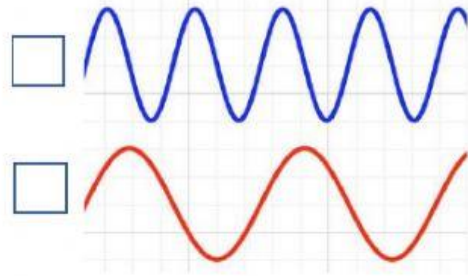
1. Frequency
2. Wavelength
3. Oscilloscope
4. Crests

piece of equipment that shows waves on a screen
high points on waves shown on oscilloscope screens
distance between similar points on two waves next to each other
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.

