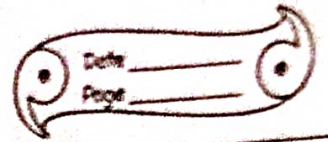


## Homework



1. Define Light.

A- Light is a type of wave that carries energy through a matter or space.

2. Differentiate Natural sources of Light and artificial source of light.

A- The different source of light are:

- Artificial source - They are also called man made source of light (Ex: candle, light, lantern). Here some form of energy is given to them to produce light. Like in bulb we give electric energy to get light energy.

- Natural source - These sources produces light naturally (Ex: Sun light). Here no external energy is required to produce light.

3. Differentiate Luminous and Non-luminous

## Bodies.

### A- Luminous objects:

- The objects which emit light energy by themselves are called luminous objects.
- They cause the sensation of light.
- Luminous objects are seen on their own.
- Example - sun, candle, electric bulb.

### Non luminous objects

- The objects which does not emit light energy by themselves are called non-luminous objects.
- They do not cause the sensation of light.
- Non-luminous objects are seen due to luminous objects.
- Example - moon, chair, plants.

4. Define a ray of light.

A- The light travelling in any one direction in a straight line is called a ray of light.

5. Define a beam of light.

A- A group of light rays given out from a source is called a beam of light.