

1. The sun , fire are examples of
2. The moon is not a light source, it  the light from other sources.
3.  are formed when lights hits an opaque object.
4. Lights always flows in
5. Classify the materials based on light passing through it

|                                                         |                                   |                                  |
|---------------------------------------------------------|-----------------------------------|----------------------------------|
| Clear glass<br>Butter paper<br>Coloured glass<br>Mirror | Wood<br>metal<br>air<br>wax paper | Mud<br>clothes<br>smoke<br>stone |
|---------------------------------------------------------|-----------------------------------|----------------------------------|

| Transparent | Translucent | Opaque |
|-------------|-------------|--------|
|             |             |        |

6. The shadow of the object does not show [ ]  
a) shape of the object    b) outline of the object    c) colour of the object    d) none of these
7. Different materials allow [ ] (different/same) amounts of light to pass through them.
8. A sheet of paper rubbed with oil is [ ] material.
9. A shadow is formed on the [ ] (opposite/same) side of the light source.
10. A shadow is always [ ] in colour.
11. A shadow is [ ] (long/short) during early mornings.
12. [ ] (transparent/translucent/opaque) object do not form shadows.
13. Give two examples for luminous object [ ] [ ]
14. Give two examples for non-luminous object [ ] [ ]

15. Define Light and its sources.

16. What is a shadow? What are the three things needed for a shadow to form?

17. List out the dependencies of shadow ?

18. List the types of objects/materials and explain how light passes through it.

19. What do you do with a flashlight to make an object's shadow bigger?

20. What do you do with a flashlight to make an object's shadow smaller?