

Chapter 9: Light

Worksheet 1

1. Fill in the blanks.

- (i) We see things in the presence of _____ .
- (ii) The moon reflects _____ .
- (iii) Light has _____ colours.
- (iv) _____ objects do not give light.
- (v) Light moves in a _____ line.

2. Write T for true and F for false statement.

- (i) The sun is a natural source of light.
- (ii) A rainbow has seven colours.
- (iii) Light bends when it falls on the edge of an object.
- (iv) Air is a translucent object.
- (v) Only opaque objects form their shadows.

3. Divide these objects into luminous and nonluminous types and write them in their proper place.

Chalk, Table, Candle, Bulb, Sun, CFL, Chair, Bag

Luminous objects: _____

Nonluminous objects: _____

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Worksheet 2

1. Give one word for the following.

- (i) Type of objects which form shadow
- (ii) Objects through which things are seen blurred
- (iii) The natural sources of light
- (iv) A natural object which shines by reflecting sunlight falling on it
- (v) The path in which light comes from the sun to us

2. Match the following.

Column A

- (i) Bouncing back of light from a shiny surface
- (ii) Rainbow
- (iii) Falling of light into water
- (iv) Blocking of light
- (v) Bouncing of light in all directions

Column B

- (a) Seven colours
- (b) Reflection of light
- (c) Shadow
- (d) Scattering of light
- (e) Light bends

3. Answer these questions.

- (i) What is light?
- (ii) Which type of objects give out light?
- (iii) Which type of objects do not allow light to pass through them?
- (iv) How is a rainbow formed?
- (v) Why does a pencil kept in a glass of water look broken?