

Name: \_\_\_\_\_ Date: \_\_\_\_\_

## Light

Q1. Write the uses of kaleidoscope.

Ans. \_\_\_\_\_  
\_\_\_\_\_

Q2. What are luminous objects? Give some examples.

Ans. \_\_\_\_\_  
\_\_\_\_\_

Q3. What are illuminated objects? Give one example.

Ans. \_\_\_\_\_  
\_\_\_\_\_

Q4. Why cannot we see a book which is placed behind a wooden screen?

Ans. \_\_\_\_\_  
\_\_\_\_\_

Q5. What is blind spot in the eye?

Ans. \_\_\_\_\_  
\_\_\_\_\_

Q6. What type of image is formed by a plane mirror?

Ans. \_\_\_\_\_  
\_\_\_\_\_

## Light

Q1. Write the uses of kaleidoscope.

Ans. Designers of wallpapers and fabrics and artists use kaleidoscopes to get ideas for new patterns.

Q2. What are luminous objects? Give some examples.

Ans. The objects which emit their own light are known as luminous objects.  
Example: sun, fire, flame of a candle and an electric lamp.

Q3. What are illuminated objects? Give one example.

Ans. The objects which shine in the light of other objects are called illuminated objects. Example: moon.

Q4. Why cannot we see a book which is placed behind a wooden screen?

Ans. Wooden screen are opaque object that does not allow light to pass through it. Thus we are not able to see through it.

Q5. What is blind spot in the eye?

Ans. At the junction of the optic nerve and the retina, there are no sensory cells, so no vision is possible at that spot. This is called the blind spot.

Q6. What type of image is formed by a plane mirror?

Ans. The image formed by a plane mirror is always virtual, upright, and of the same shape and size as the object it is reflecting.