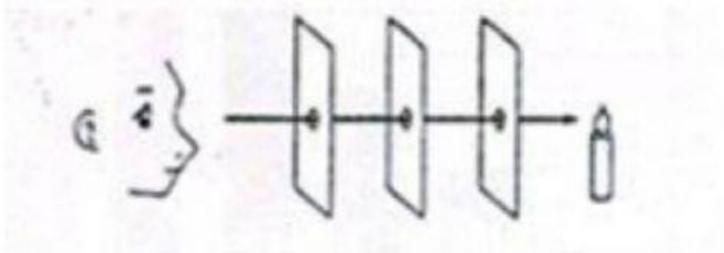
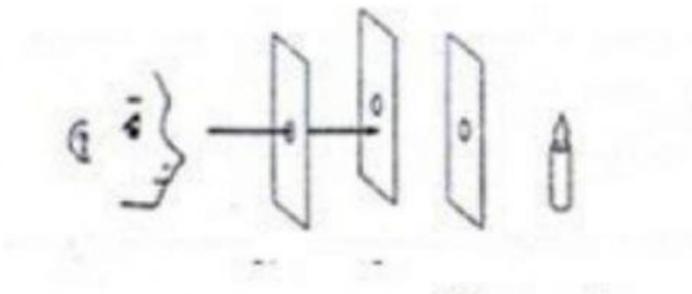


REVISION : LIGHT TRAVELS IN A STRAIGHT LINE

A. Answer the following questions based on the picture below. Write on the space provided



- 1) The pupil _____ (can / cannot) see the candle flame through the holes because the cards are arranged in a straight line



- 2) The pupil _____ (can / cannot) see the candle flame through the holes because one of the cards has been moved to the side and the hole is blocked.

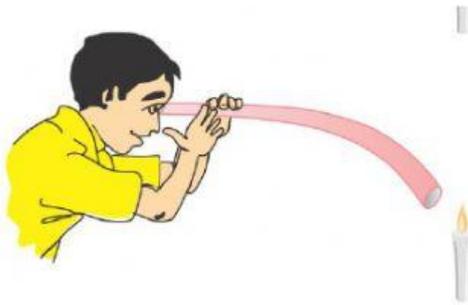
- 3) **Conclusion :** Light travels in a _____

B. Fill in the blanks with the words given in the boxes

Clear	beams	straight
bent	light	

1. Light can pass through a _____ glass

2. The light of the candle in the diagram below cannot be seen because the tube is



3. If the tube above is _____, the light of the candle can be seen.

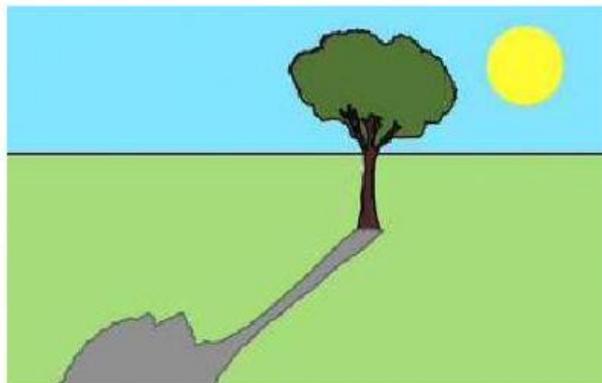
4. When a driver switches on the headlight of the car at night, the _____ of light shining from the headlights are straight.

5. _____ travels in a straight line

C. Fill in the blanks with the words given

shadow	black	distance	Sun	no shadow
smaller	bigger			

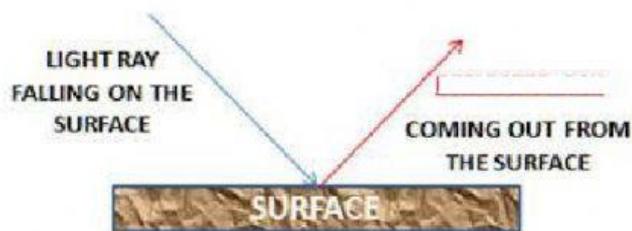
1. _____ is formed when light is blocked by an opaque object
2. The shadow of an object is always _____ in colour
3. _____ form on transparent object because light can pass through it.
4. The size of the shadow changes when the _____ between the object and the light source changes
5. The more the distance between the object and the light source, the _____ the size of shadow.
6. The nearer the distance between the object and the light source, the _____ the size of shadow
7. In the diagram below, the change in the position of the _____, causes the changes in the length and position of the shadow tree



D Fill in the blanks with the correct answer given in the box below

Incident ray	dentist mirror	reflected ray
Side mirror	reflected	

1. Light can be _____



2. The light that approaches the surface is called _____

3. The light that bounce from the surface is called _____

4. The _____ reflects the light from the teeth and enables the dentist to examine our teeth.

5. Rear and _____ of the car help the driver to see the objects behind and at the sides of the car.

E . Fill in the blanks with the words given in the box below

bent	refracted	air
medium	shallow	

1. Light can be _____
2. Refraction of light occurs when light travels from one _____ to another medium.



3. The straw in the glass looks _____ because light is refracted when it moves from water to _____



4. Refraction of light causes the pool looks _____ than its actual depth.

END OF QUESTIONS. THANK YOU!!