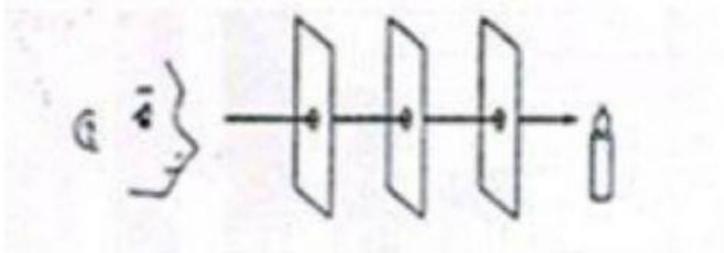
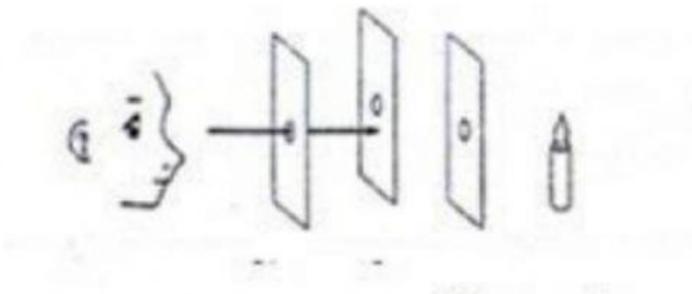


## REVISION : LIGHT TRAVELS IN A STRAIGHT LINE

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



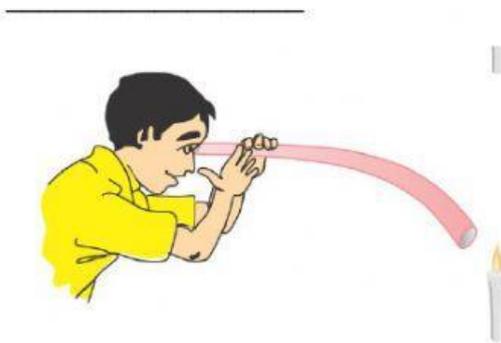
- 2) The pupil \_\_\_\_\_ (can / cannot) see the candle flame through the holes because one of the cards has been moved to the side and the hole is blocked.

- 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

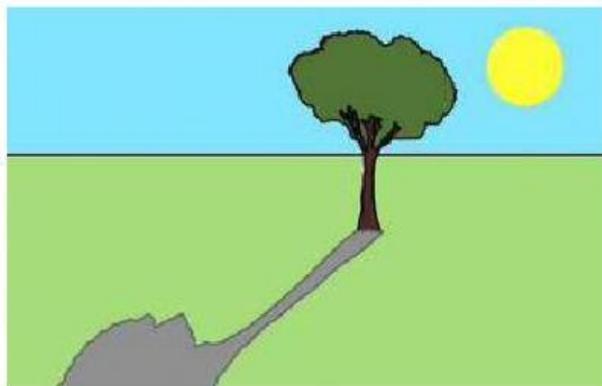


3. If the tube above is \_\_\_\_\_, the light of the candle can be seen.
4. When a driver switches on the headlight of the car at night, the \_\_\_\_\_ of light shining from the headlights are straight.
5. \_\_\_\_\_ travels in a straight line

C. Fill in the blanks with the words given

shadow	black	distance	Sun	no shadow
smaller	bigger	translucent		

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



**END OF QUESTIONS. THANK YOU!!**