

## Fun Activity 2

Study the statements in the table below and put a tick (✓) in the correct boxes.

Statement	True	False
1. Light is important to plants only.		
2. We can see an object only when it gives off light on its own.		
3. The firefly and lightning are natural sources of light.		
4. When light from a torch falls on and bounces off an object, it is said to be reflected from the object.		
5. We can see an object as light from our eyes can reach the object.		
6. Objects made of ceramics and wood do not allow light to pass through them.		
7. Shadows are formed as light travels in straight lines.		
8. A light shadow is formed when light is blocked by an object made of frosted glass.		
9. The nearer an object to a light source, the bigger the shadow formed.		
10. The nearer an object to a screen, the bigger the shadow formed.		
11. The shadow of an object is always the same size as the object.		
12. The shadow of an object always has the same shape as the object.		

# Practice Questions

## Section A: Multiple-choice questions

For each question, 4 options are given. One of them is the correct answer. Make your choice (1, 2, 3 or 4). Write your answer in the brackets provided.

1. Which statement is incorrect?

- (1) Light is matter.
- (2) Light is a form of energy.
- (3) Light allows us to see objects around us.
- (4) Light is important in some life processes.

Study the following table and answer questions 2 and 3.

Group A	Group B
Sun	Fire
Firefly	Table lamp
X	Y

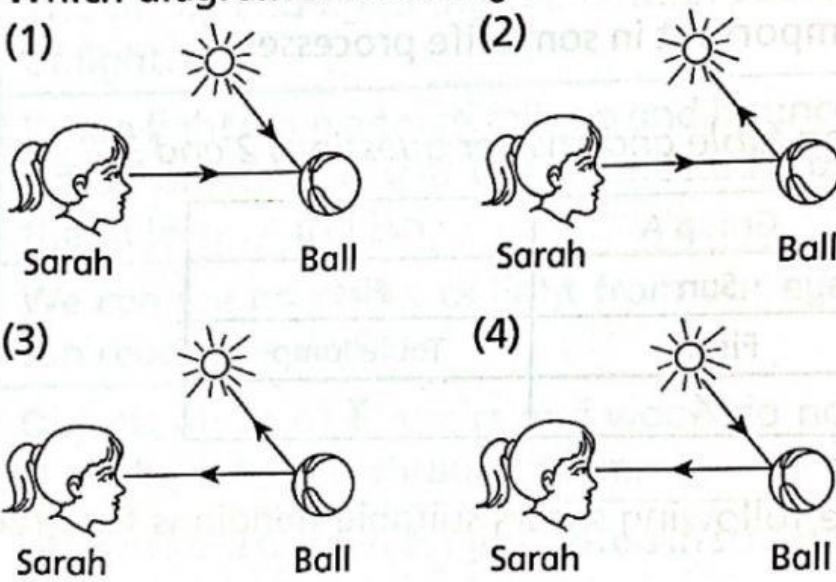
2. Which of the following shows suitable headings for groups A and B?

Group A	Group B
Natural sources of light	Artificial sources of light
Non-matter	Matter
Living things	Non-living things
Give off heat	Do not give off heat

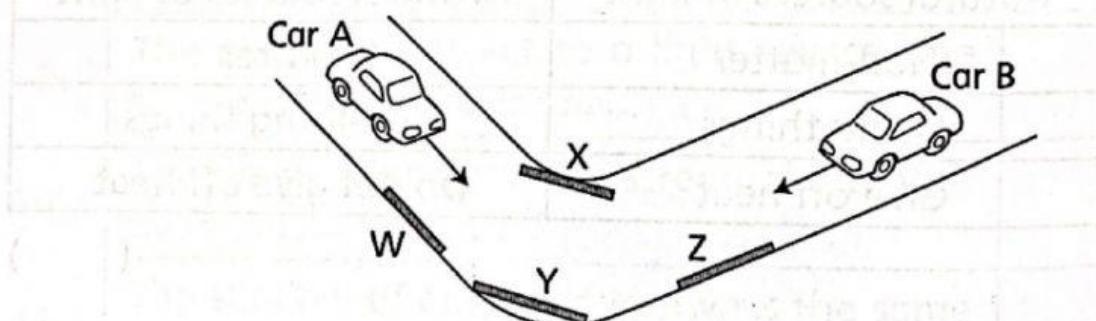
3. Which examples best fit X and Y?

	X	Y
(1)	Star	Moon
(2)	Lighted candle	Star
(3)	Lightning	Lighted candle
(4)	Lightning	Moon

4. Which diagram shows why Sarah is able to see the ball?



5. Study the diagram below.



Which mirror will enable the drivers in cars A and B to see each other?

- (1) W
- (2) X
- (3) Y
- (4) Z