

Fill in the blanks.

East	Shadow	Light	Opposite	long
Straight line	black	reflected	position	West

1. A Forms when something blocks the way of light.
2. The sun rises in the and sets in the
3. Light travels in
4. A shadow is always And grey in color.
5. Shadows are formed on the side of the source of light.
6. When light falls on any object, it is back to us.
7. We cannot see anything without
8. The length of the shadow depends on the of the light source.
9. Our shadow is in the morning.
10. Draw the arrow of the diagram below.



10.1) Source of light :

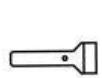
10.2) Object :

Write T for true and F for false statements.

1. Light travels in a straight line.
2. We see things when light bounces off them into our eyes.
3. Fire is a source of light.
4. A pencil gives out its own light.
5. The sun gives out its own light.
6. The moon reflects the light of the sun.
7. If there is no light, shadows are not formed.
8. The shadow of an object is always of the same size as the object.
9. A torch is not a source of light.

Choose the correct answer.

1. The sun provides us with _____.
a. heat b. light c. sound d. both a and b.
2. Which of the following statements is **incorrect**?
a. Shadows are short when the sun is high overhead.
b. Light travels in curved lines.
c. Shadows are longest in the afternoon.
d. Our shadows are formed when we block light.
3. The figure shows light shining at a square cardboard and a ball behind it.

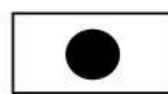


a.

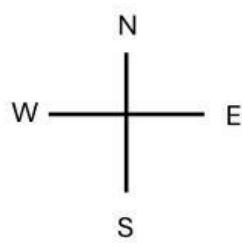
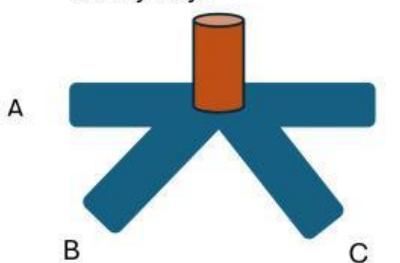
b.

c.

d.



4. The diagrams below show the shadows of a stick recorded at different times on a sunny day.



Which one of the following shows the shadow recorded at 9 o'clock.

a. A b. B c. C d. D

5. What is light?

a. Light is a form of energy that help us to hear.
b. It is a form power to give us warm.
c. It is a form of energy that help us to see.
d. It is a natural and artificial source of light.

6. Which of the following are natural source of light?

a. Sun b. Moon c. Star d. Candle

7. When light falls on an object, it bounces off them. This is known as

a. Refraction b. Shadow c. Reflection d. Repulsion

8. Light travel in

a. Curved line b. waves c. parallel line d. straight line

9. A is formed when something comes in the way of light.

a. Snow b. shadow c. light d. shade

10. Which of the following does not artificial sources of light?

a. Firefly b. Candle c. Fire d. Torch

11. Which object that light can pass through but not clear?

- a. Wood and cloth
- c. cloth and tissue paper
- b. Wall and metal
- d. glass and clear plastic

12. Light can pass through Marterials such as glass, water.

- a. Transparent
- c. Opaque
- b. Translucent
- d. Position

Name of source of light and identify whether natural or artificial below.



1.



2.



3.



2.

Fill in the blank.

1. materials allow most light to pass through clearly.

For example :

2. materials that do not allow light to pass through it.

For example :

3. materials allow some light passthrough but not clear.

For example :