

# Shadow

## 1. True or false

A. Shadow can mislead us about the shape of the object.

B. The position of the sun affects the position and length of the shadow.

C. The shadow can be seen only on a screen.

D. We can make shadow of animals within our hands.

## 2. Match the following:-

Column A	Column B
I. Regular reflection	A. Plane mirror
II. Plain mirror	B. Kaleidoscope
III. Diffuse reflection	C. Rough surface
IV. A virtual and erect image	D. Specular reflection

### 3. Answer the following questions

A. What is shadow? How many things are required for shadow formation? Name them

A large, empty rounded rectangular box with an orange border, intended for the student's answer to question A.

B. What is the difference between shadow and image of an object?

A large, empty rounded rectangular box with an orange border, intended for the student's answer to question B.