

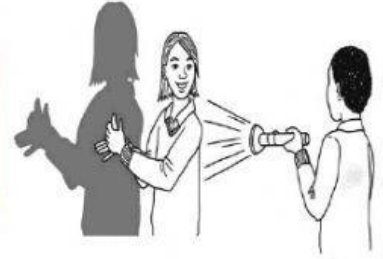
Name :

Rollno :

Section:

Worksheet#2

Shadow Formation



Q #1: Mark the statements as **TRUE** OR **FALSE**

a.Shadows are formed when the light hits transparent objects.

**TRUE**

**FALSE**

b.The shadow size is affected by the distance of light from object.

**TRUE**

**FALSE**

c.The shadow formed by small point source of light is totally dark.

**TRUE**

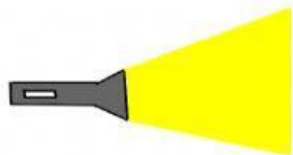
**FALSE**

Q#2 :Choose the condition in which clock can cast biggest shadow.

A



B



C



Q # 3. Use the given words and label the diagram.

source of light

light ray

opaque object

wall

