

LIGHT, SHADOWS AND IMAGES

P2: QUIZ

- _____ are formed when light is stopped by an object.
- An opaque object stops the light completely, so an opaque object casts a dark shadow behind it.
 - True
 - False
- A shadow is formed when an _____ object comes in the path of light and stops it.
 - Transparent
 - Opaque
 - Translucent
- No Shadow can be formed when there is no source of light as on a dark moonless night or in a dark room.
 - True
 - False
- Shadows are formed because light rays travels in a _____ line.
 - Straight
 - Curved
- We require three things to observe a shadow. They are:
 - A source of light
 - An opaque object
 - A screen
 - A transparent object

7. A transparent object does not stop any light from passing through it so a transparent object does not cause any shadow behind it.
- True
 - False
8. An object forms shadow on the _____ side to the source of light.
- a. Same
 - b. Opposite

ANSWERS

1. Shadows
2. True
3. B. opaque
4. True
5. A. straight
6. A. a source of light, b. an opaque object and c. a screen
7. True
8. B. opposite