

Name: _____ Date: _____

Light and Shadow

Q1. Answer the following:

a. What is the size of the shadow when the source of light and the object are closer to each other?

b. What is the size of the shadow when the source of light and the object is moved away from each other?

Q2. Fill in the blanks.

a. Light is form of _____.

b. We cannot see anything when there is no _____.

c. Sun is the main source of _____ light.

d. Sources of artificial light are burning wood, _____, and earthen lamps.

e. Light travels in a _____ line in the form of rays.

f. A _____ surface reflects or bounces off light in all directions.

Q3. True or False.

a. A rough surface reflects or bounces off light in all directions. _____

b. A transparent object will make dark shadow. _____

c. Light travels very slowly. _____

d. Luminous bodies are those which emit light of their own. _____