Circle the correct answer for each question.

1. Which is correct about shadows?
   a. Dark area in front of an object that blocks light
   b. Bright area in front of an object that blocks light
   c. Dark area behind an object that blocks light
   d. Bright area behind an object that blocks light
2. Which is correct about the umbra?
   a. Some light can reach the screen.
   b. It is not fully dark.
   c. It is the lighter part of a shadow.
   d. It is the dark part of a shadow.
3. What happens when an opeque object moves closer to a screen?
   a. Umbra and penumbra are smaller
   b. Umbra and penumbra are same size
   c. Umbra is big and penumbra is small
   d. Umbra is small and penumbra is big
4. Which is not a use of shadows?
   a. Thai retro folk dance
   b. Seeking shade under a tree
   c. Telling time from a shadow
   d. Using ceramic tiles for roofing
5. What happens when an opeque object is between a candle and a screen?
   a. Refraction of light
   b. Umbra will form.
   c. Umbra and penumbra will form.
   d. Penumbra will form.
6. Which show uses a shadow?
   a. Chinese opera
   b. Antiphonal singing
   c. Thai shadow puppet show
   d. Rod puppet show
7. Which changes the size of umbra and penumbra?
   a. Distance between light source, object, and screen
   b. Distance between light source and screen
   c. Distance between light source and object
   d. Distance between observer and screen
8. Which is linked to shadows?
   a. Rainbow b. Meteor shower
   c. Solar Eclipse d. Day and night
9. How is a shadow when opeque object is same size as light source?
   a. Same size as object
   b. Smaller than object
   c. Bigger than object
   d. No umbra forms.
10. Which object forms only penumbra when it blocks light?
    a. Lime b. Ceramic mug
    c. Wax paper d. Can of drink

LIVEWORKSHEETS