



COLEGIO CHAMPAGNAT
7/31/2020

SCIENCE EVALUATION #3 BIMESTER 3 FOR 5TH GRADE
TEACHER: NANCY DE RUBALLO

INSTRUCTIONS: Please check on your teacher's video link and your book before taking the assignment.

A. Analyze the video and investigate to answer the questions.

A large, empty rectangular box with a black border, intended for students to write their analysis of the video.

1. Air and water do not have a shadow because light _____ pass through them.
2. The number of shadows you have will depend on the number _____.
3. If the light source is far from the object, the shadow gets _____.
4. Light travels in a _____ line.
5. The _____ got time based on _____.

B. True and false

6. Shadows are formed when light hits translucent object. _____
7. The length of the shadow is the result of the light angle _____
8. The shadow size is affected by the distance of light. _____
9. A wide light makes the edges of object well defined. _____
10. The shape of the shadow is determined by the object's silhouette. _____



C. Match the statements.




- | | |
|-----------------------------------|-----------------------------|
| 11. The shadow is bigger... | shadows. |
| 12. The shadow is small... | if the light is close. |
| 13. The shadow changes angles ... | if the light is far away. |
| 14. Light is needed to create... | if the light changes angle. |
| 15. Humans are ... | opaque as they block light. |

D. Name the type of phenomena in each picture. (3 points)



E. Drag the shadow according to the sun position (6 points)



PAIR #1	PAIR #2	PAIR #3
		



F: Drag the figures and drop them in the category, according to the way they behave with light. (9 points) Please place the, respecting the number sequence they have.

1



2



3



4



5



6



7



8



9



Translucent		
Transparent		
Opaque		

ENJOY YOUR VACATION