COLEGIO CHAMPAGNAT
7/30/2020
SCIENCE EVALUATION #3 BIMESTER 3 FOR 6TH 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.

1. Human beings are considered to be opaque because they _____ light.
2. Light behaves in a dual way, meaning it can be as a wave and as a_____.
3. Light travels at a speed of more than _____ miles per second.
4. Light rays get refracted when they travel through different _____.
5. Human beings are _____ which means they emit light.

B. True and false

6. Light is not a form of electromagnetic radiation. _____
7. Light behaves as a wave and as a particle. _____
8. Photons are the basic particles of electromagnetic waves. _____
9. Moon produces its own light. _____
10. Specular reflection happens when light reflect in even areas. _____

C. Match the statements.

11. Refraction of light is…	comes to our eyes.
12. Rainbows and mirages are optical…	the change of light direction.
13. Diffuse reflection does not allow…	energy.
14. Light is a form of…	phenomena related to refraction.
15. The reflected light…	the formation of images.

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

_____ _____ _____

E. Classify these elements. (7 points)

Luminous bodies	Non-luminous bodies

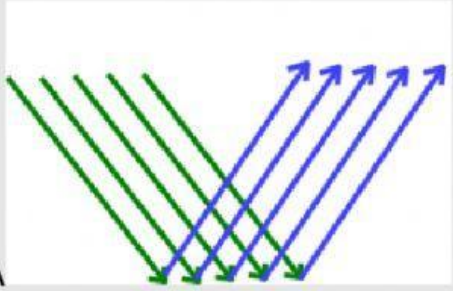
F. Experiment with light.

26. Ana placed a pencil inside a transparent cup with water, oil. What will the result be? _____

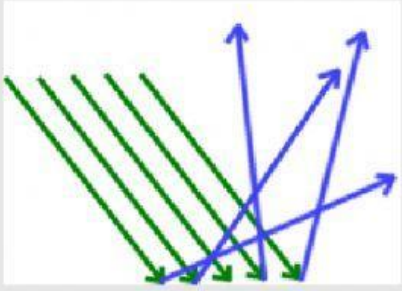
A

B

27. Roberto placed two surfaced to reflect light, one is even and one is rough. What would be the reflection on the rough surface like?



A



B

ENJOY YOUR VACATIONS.