



COLEGIO CHAMPAGNAT

7/30/2020

SCIENCE EVALUATION #3 BIMESTER 3 FOR 6<sup>TH</sup> 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? \_\_\_\_\_

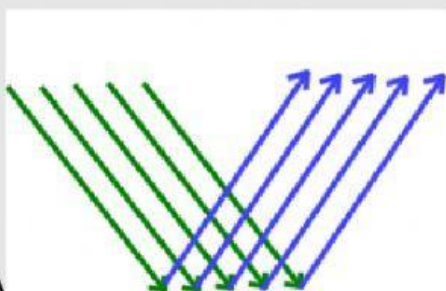


A

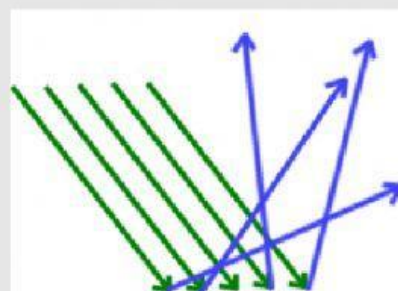


B

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.