

Name _____ Date _____ Period _____

Video worksheet: "What is Color?"

CONCEPTUAL PHYSICS: UNIT 5

Directions: Answer the questions as you watch the video: "What is Color?"
<https://www.youtube.com/watch?v=UZ5UGnU7oOI>

1. What is **periodic motion**?
2. What is the **period** of a wave?
3. What is the **frequency** of a wave?
4. What is the name of the frequency of light our eyes detect?
5. What is the actual **frequency** of light we see?
6. What is the lowest frequency we can?
7. What is the highest frequency we can see?

8. All of the colors form a continuous band of color called the:

9. Why does a yellow pencil appear yellow in color?

10. What happens to the other colors of light that strike the pencil?

11. What colors are reflected by a **white** object?

12. What colors are reflected by a **black** object?