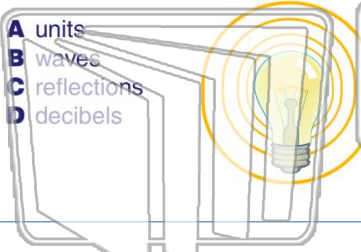




Name \_\_\_\_\_ Class \_\_\_\_\_ Date \_\_\_\_\_

1 **Light** is a form of energy that travels in \_\_\_\_\_.

- A units
- B waves
- C reflections
- D decibels



2 We can see only the wavelengths and frequencies of the colors in the \_\_\_\_\_, which include red, orange, yellow, green, blue, and violet.

- A night spectrum
- B day spectrum
- C viable spectrum
- D visible spectrum



3 As you move from left to right on the visible light spectrum, wavelength decreases and frequency increases.

Which color of the visible spectrum has the longest wavelength?

4 Most waves in the electromagnetic spectrum are \_\_\_\_\_ to our eyes. X-rays and waves in your microwave that cook your food are \_\_\_\_\_.

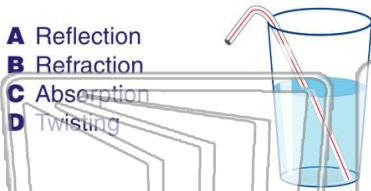


## PREVIEW

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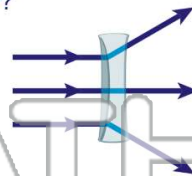
7 \_\_\_\_\_ moves from one medium to another.

- A Reflection
- B Refraction
- C Absorption
- D Twisting



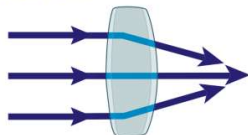
8 \_\_\_\_\_ is \_\_\_\_\_ than on its edges and makes things look smaller?

- A magnifying lens
- B convex lens
- C microscope lens
- D concave lens



9 A \_\_\_\_\_ lens is thicker in the middle than on its edges and makes things look larger. A magnifying glass contains a convex lens.

- A concave
- B convex
- C large
- D convert



10 Materials react to light in different ways. What type of material allows light to pass through clearly without any effects, like a window?

- A translucent
- B opaque
- C transparent
- D dense

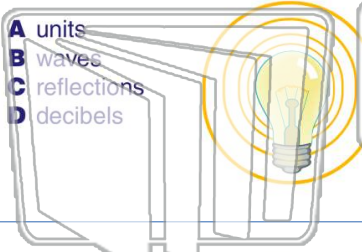




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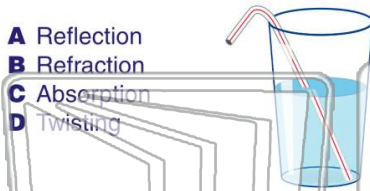


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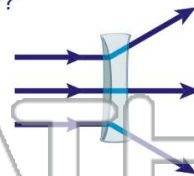
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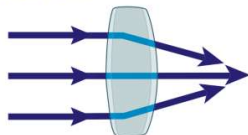
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