



Name _____ Class _____ Date _____

1

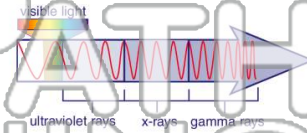
In the chart below, the terms **UHF** and **VHF** mean Ultra and Very High _____.

	Broadcast Frequencies	
	Type of Broadcast	Frequency Range
A	Wavelength	
B	Frequency	
C	Energy	
D	Fashion	
	AM radio broadcast	535 kHz to 1,605 kHz
	VHF television	54 MHz to 216 MHz
	FM radio broadcast	88 MHz to 108 MHz
	UHF television	471 MHz to 806 MHz

2

Based on the diagram below, which color of visible light has the **shortest wavelength**?

- A orange
- B violet
- C green
- D blue



3

Each of these items involve the use of different types of **electromagnetic waves**. Which creates **infrared rays**

4

In the diagram below, _____ are being used to do a variety of things.

5



PREVIEW

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7

_____ type of surface is _____.

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



_____ likely to _____.

- A heat up
- B stay cool
- C let a lot of light through
- D let some light through



9

The reason why a leaf **looks green** when light shines on it is that the leaf _____.

- A reflects green light but absorbs the other colors of light
- B absorbs the green light and reflects all the other colors
- C allows all colors of light except green to pass through it
- D allows green light to pass through it



10

In the summertime, **white clothing** keeps a person cooler than **black clothing**. What is the reason for this?

- A white reflects all visible light waves
- B white absorbs all the wavelengths of visible light
- C black reflects all the wavelengths of visible light
- D black has less energy than white





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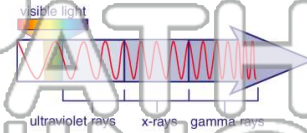
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