

ELECTROMAGNETIC SPECTRUM

1. All waves transfer	from one place to another.
2. Which wave property measures how many wave	s pass a point in one second?
3. Which property of electromagnetic waves must go down as the frequency goes up?	
4. Put these four parts of the electromagnetic spectrum in order from shortest to longest wavelength: gamma, infrared, microwave, ultraviolet.	
a	b
C	d
5. Any object above absolute zero gives off detected by a thermal imaging camera.	radiation, which can be
6. Each of the different colors that make up white light has a different	
7. A "black light" uses	radiation to make some objects glow.
8	_ waves are used to send signals because they can travel
over very long distances and pass through buildings.	
9. Why are X-rays used to produce images of broken bones?	
10. How does a prism separate white light into the different colors that compose it?	

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