

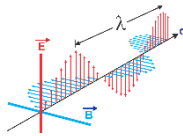
Waves

Name _____ Date _____

Electromagnetic waves

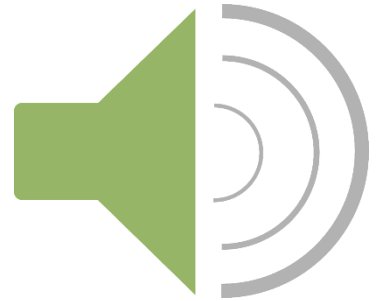
1. What are electromagnetic waves?

- (a) Waves that require a medium to travel
- (b) Waves that can only travel through water
- (c) Waves that travel through the vacuum of space
- (d) Waves that can be seen with the naked eye



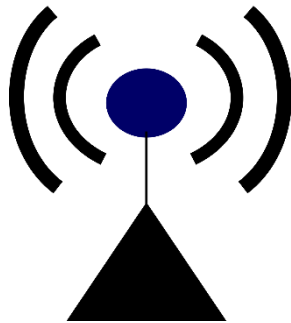
2. Which of the following is NOT a type of electromagnetic wave?

- (a) Sound wave
- (b) Microwaves
- (c) Radio waves
- (d) X-rays



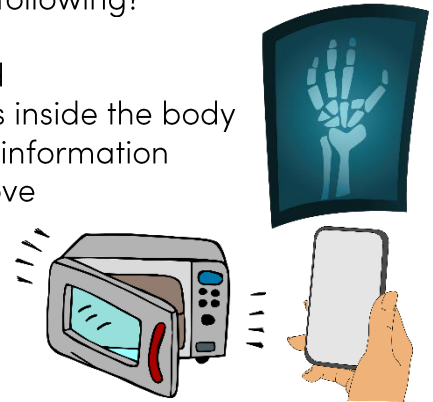
3. Which electromagnetic waves have the longest wavelength?

- (a) Gamma rays
- (b) X-rays
- (c) Ultraviolet rays
- (d) Radio waves



4. Electromagnetic waves can be used for which of the following?

- (a) Cooking food
- (b) Seeing bones inside the body
- (c) Transmitting information
- (d) All of the above



5. Which of the following has the highest frequency?

- (a) Microwaves
- (b) Infrared waves
- (c) Ultraviolet rays
- (d) Radio waves



6. What enables us to see colors?

- (a) Gamma rays
- (b) Visible light
- (c) Radio waves
- (d) Microwaves



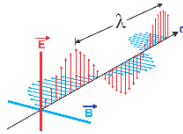
Answer Key

Name _____ Date _____

Electromagnetic waves

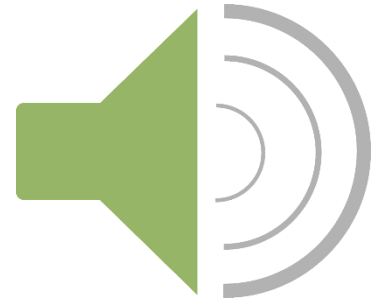
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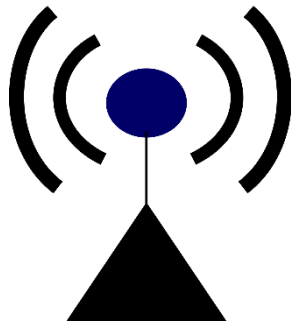
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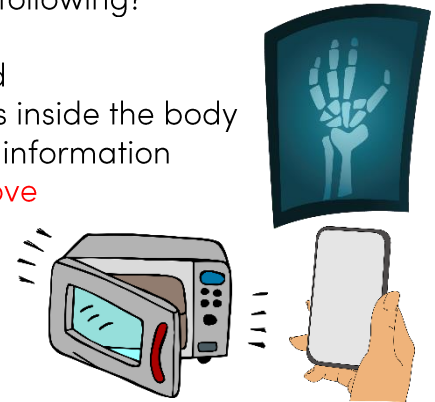
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