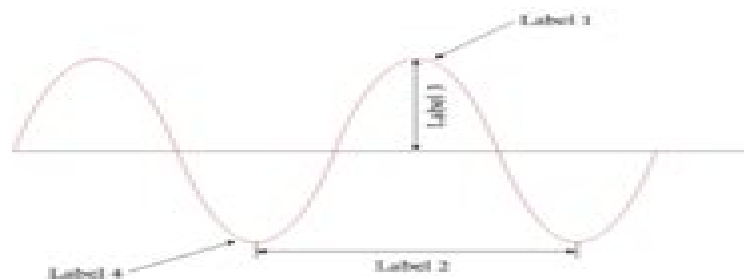


Name:

WAVES STUDY GUIDE

Labeling

Label the image with the common properties of waves.



Label 1: **crest**

Label 2: **wavelength**

Label 3: **amplitude**

Label 4: **trough**

Matching

Write the letter of the electromagnetic wave next to the description.

1. Absorbed by bones. **d**
2. The only visible wave on the electromagnetic spectrum. **a**
3. The wave with the longest wavelength. **b**
4. The most dangerous wave with the highest frequency. **f**
5. Used in GPS and radar. **e**
6. Felt as heat by humans. **c**
7. Responsible for sun burns. **g**

- a) Visible
- b) Radio
- c) Infrared
- d) X-ray
- e) Microwave
- f) Gamma
- g) Ultraviolet

Ordering

In the space below, write the electromagnetic waves in the order that they occur on the spectrum from large wavelength to small wavelength.

Radio, microwave, infrared, visible, ultraviolet, x-ray, gamma

Waves Study Guide Key

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