

**Infrared Rays HW - Video**

Please make your answers bold.

1. What is able to stop infrared light but not stop light? What is able to stop light but not stop infrared?

**Answer here**

2. List 3 kinds of 'lights' mentioned in this video. Don't MENTION COLORS
- Example 1
  - Example 2
  - Example 3
3. How is an infrared camera sometimes used to save human life?

**Answer here**

4. What do the various colors on an infrared photograph signify?

**Answer here**

5. Which would appear darker when viewed through an infrared camera, a bowl of soup or a piece of sushi?

**Answer here**

6. Some insects and fish are able to perceive infrared light. Do a google search on this and find out how this feature helps each of these animals.

**Answer here**

7. Which electromagnetic wave has the longest wavelength?

**Answer here**

8. What part of a rhinoceros body gives off the most heat?

**Answer here**

9. The windows in your car allow light to pass through but block other kinds of radiation? Use what you learned in this video to explain why the inside a parked car is often hotter than the outside temperature.

**Answer here**

10. How do astronomers use infrared telescopes?

**Answer here**