

X-Ray / Gamma Ray Webquest Name: _____ H: _____

X-RAYS

1. Who first discovered X-rays
2. The first X-rays were photographs of what body parts.
3. Why do bones show up on X-rays and not skin or other tissues.
4. What is the difference between an X-ray and an MRI?
5. NASA's Mars exploration rover, Spirit, uses X-rays to do what?

GAMMA RAYS

1. What are gamma rays?
2. What are they used for?
3. Why are gamma rays not able to reflect off a mirror's surface
4. What are 2 ways that gamma rays are produced?
5. In comparison, how much energy is a gamma ray compared to the Sun's energy output?