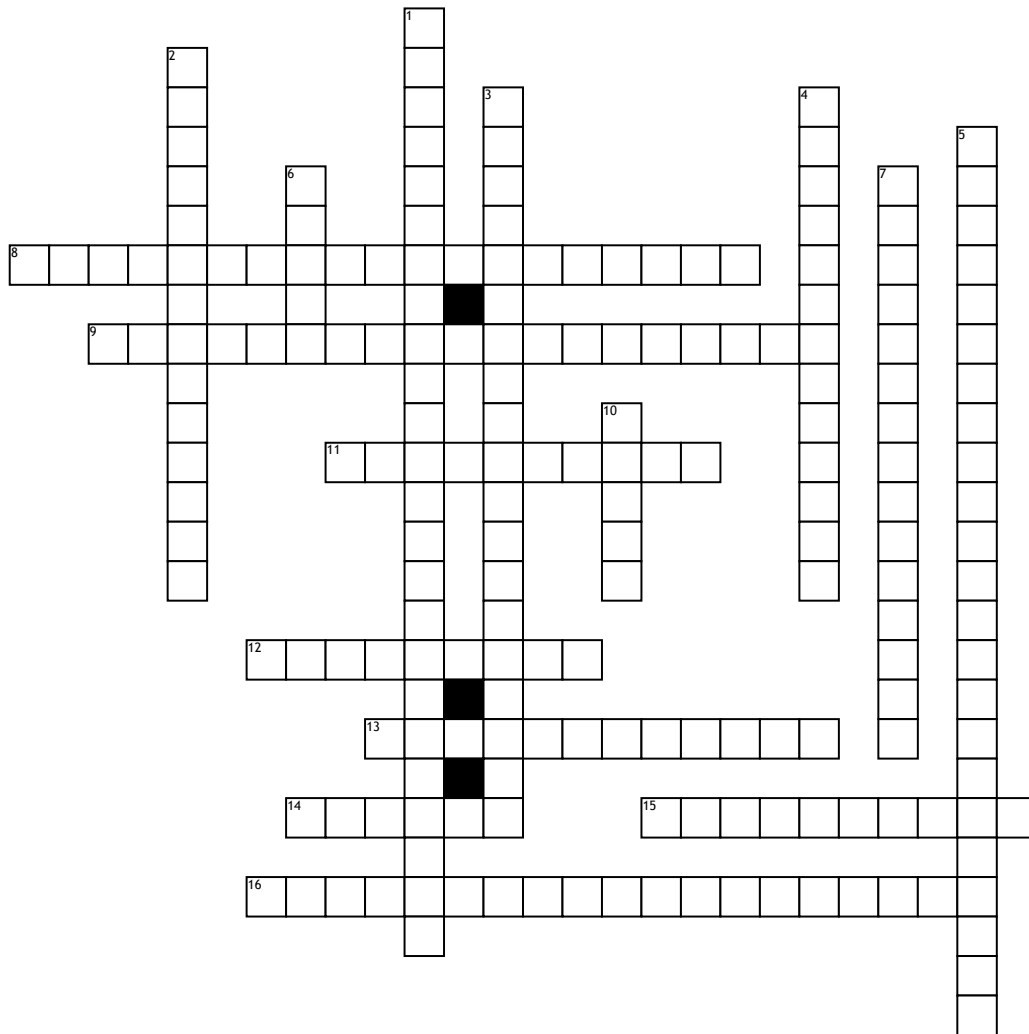


Chapter 4 vocab



Across

8. broadcasting signals changed by amplitude

9. transverse wave of electric and magnetic energy

11. image that shows heat regions by color temperature

12. the wave with the shorter wavelengths and high frequencies

13. electromagnetic waves that are visible to the human eye

14. packet of light energy

15. electromagnetic waves with longest and lowest frequency

16. electrons spreading when shined by light

Down

1. energy of electromagnetic waves

2. light that passes through

3. broadcasting signals changed by frequency

4. electromagnetic waves with shorter wavelengths than microwaves

5. waves placed in order of increasing frequency

6. system used to measure objects distance and speed by using reflected microwaves

7. electromagnetic waves with shorter wavelengths than visible light

10. electromagnetic waves used to show bone, dense matter, or lead

Word Bank

polarized light

radio waves

frequency modulation

ultraviolet rays

amplitude modulation

visible light

photon

thermogram

infrared waves

electromagnetic spectrum

photoelectric effect

electromagnetic wave

electromagnetic radiation

x-rays

gamma rays

radar