



Name _____

Date _____

#24 - Light

1. Nearly all the information we have about the universe comes in the form of _____
2. With light waves, the things doing the waving are _____
3. The distance between the crests in a wave is called _____
4. Our eyes detect different energies of light as _____
5. The spread of colors, or wavelengths of EM radiation, is called _____
6. Light with a wavelength that the human eye can detect is called _____
7. Light with slightly shorter wavelengths than what our eyes can see is called _____
8. Light with slightly longer wavelengths than the reddest color we can see is called _____
9. In general, atoms are made up of three subatomic particles: _____
10. Protons and neutrons occupy the centers of atoms in what's called _____
11. The type of atom depends on how many _____
12. If light hitting the atom has just the right amount of energy, the electron will _____
13. Different atoms emit _____
14. What kind of device can precisely measure the wavelength of light? _____
15. Stars and gas clouds in space are mostly made of _____
16. The change in pitch as a motorcycle passes you is known as _____