

CHEMISTRY 3A---WORKSHEET 2

CHAPTERS 1 AND 8

1. The different colors of light have different wavelengths. The human eye is most sensitive to light whose wavelength is 555 nm (greenish-yellow). What is this wavelength in millimeters?
2. A tun consists of four hogsheads, one hogshead is 0.500 butt, and one butt is 126 gal. How many liters are equal to 1.00 tun?
3. A day on Jupiter is 3.543×10^4 seconds long. How many earth days are equal to one day on Jupiter?
4. The human body is 0.0040% iron. How many milligrams of iron does a 165 pound person contain?