

Nov - Dec

Paid for by H. J. Hall

Pd chk # 132
18 Dec 1972

	6.00	T
	2.02	
	3.78	
1	9.00	
	5.00	
	9.00	
	2.50	
	<u>47.30</u>	T

Received \$19.00
for stamps




llg

14 December 1972

Received of Tracy Hall

\$5.00 as payment for blueprint paper.



ROSS J. MCARTHUR
Technology Department

December 14, 1972

Received by H. Tracy Hall the sum of \$9.00 for the
payment of 18 blue prints.

Physical Plant
Planning Department

A handwritten signature in cursive script, appearing to read "Sandra Tracy", written in black ink.

Student Exams

HJA

what is the approximate diameter of atoms in Å?

what is the approximate diameter of atomic nuclei in cm?

what is the isotope of hydrogen of mass 2 called?

H.G. J. Mosely used x-rays to determine atomic number. (T/F)

List Avogadro's number.

Fe^{++} is larger than Fe^{+++} . (T/F)

one mole of hydrogen^{gas} contains the same number of molecules as one mole of chlorine gas. (T/F)

what does A equal if $Z = 24$ and $N = 13$?

which has the longer wavelength: x-rays, blue light, red light?

Electromagnetic radiation travels faster than sound. (T/F)

The speed (velocity) of electromagnetic radiation equals the product of wavelength and frequency. (T/F)

The number of wave crests passing a fixed point per second is the frequency of the radiation. (T/F)

write the expression relating E , h , and ν as regards a single quantum of radiation. (Due to Max Planck)

write Einstein's simple equation relating E , m , and c .

Einstein explained the photoelectric effect. (T/F)