Memorize four things from today's notes

## PURPOSE - How Do we use the symbols for ? subatomic particles?

	Mass*	cho
-(0-510)	ll,	+(
	1	C
1.00	Zero	-1

#2 ELEMENT IS IT? Check only number of protons Sp=15 is phosphorous #3 WHAT MASS IS IT? P+N= mass \( P = 13 \)
\( n = 19 \)
\( e = 144 \)
\( mass is 32 \) \$\frac{\mathbb{P}}{n=60}\$ charge is negative twenty

#5 How Do WE WRITE

HIGH-LOW NUMBERS?

\[
\begin{align\*}
\text{P=13?} &= 40 \\
\text{P=33} &= 13 \\
\text{e=33} &= 13 \\
\text{P+N} &= 33 \\
\text{protons} &= 34 \\
\text{protons} &= 34 \\
\text{of protons} &= 34 \\
\text{atomic #}
\end{align\*}

Inside the atom are nucleons

## classwork

CheMis+ry

mass number rule:



Name	The second
Date	
Period	

If the atomic number is 85 the atom must have protons.

notes [save! memorize by Friday!]:

Each figure is a flawed attempt to show what a single atom looks like. None are correct. But we like them because they are easy ways to draw something that is undrawable. Directions: Above each box, label the NUCLEONS and the ELECTRONS If this atom has If this atom has protons and protons If an atom has 22 protons it is the 1 2neutrons it is and \_\_\_\_ element neutrons it is the element If the atomic number is 34 the atom must have 7 U protons. And it weighs High Low Number If an atom has 79 protons it is the a.m.u. Symbol of the element High Low Number Symbol of the

charge rule:

element \_