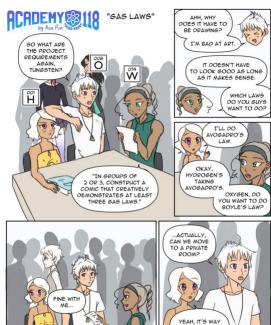


FLUOROANTIMONIC ACID (H2FSbF6) IS THE STRONGEST ACID KNOWN.

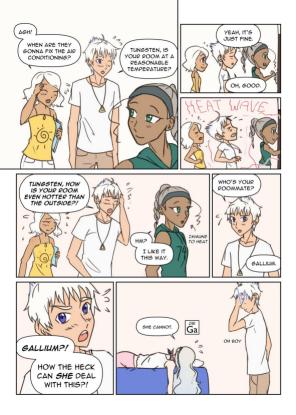














AVOGADRO'S LAW: "TOO MANY PEOPLE!"

THE MORE MOLECULES THERE ARE, THE HIGHER THE PRESSURE, AND VICE VERSA.

(P1/N1 = P2/N2)

BOYLE'S LAW, "THERE ISN'T ENOUGH SPACE TO WORK HERE!" THE SMALLER THE VOLUME, THE HIGHER THE PRESSURE, AND VICE VERSA.

(P1V1 = P2V2)

GAY-LUSSAC'S LAW: "IT'S TOO HOT! I CAN'T CONCENTRATE!"
THE HIGHER THE TEMPERATURE, THE HIGHER THE PRESSURE, AND VICE
VERSA.

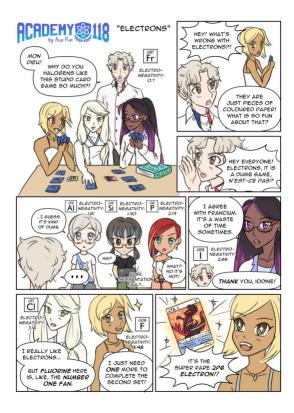
 $(P_1/T_1 = P_2/T_2)$

(ALL THESE LAWS ASSUME THAT EVERYTHING ELSE STAYS THE SAME.)

THESE LAWS AFFECT ONLY GASES, SUCH AS HYDROGEN AND OXYGEN, AND NOT SOLIDS OR LIQUIDS.







ELECTRONS: A TRADING CARD GAME THAT SOME OF THE STUDENTS (MAINLY FLUORINE AND THE HALOGENS) AT ACADEMY 118 LIKE TO PLAY. THE ALKALIS (MAINLY FRANCIUM AND CESIUM) THINK IT'S REALLY ANNOYING.

 ${\it ELECTRONEGATIVITY};$ HOW MUCH A STUDENT LIKES COLLECTING ELECTRONS.

(THE RELATIVE TENDENCY OF AN ATOM TO ATTRACT ELECTRONS TO ITSELF.) $\ensuremath{\mathsf{T}}$

AS YOU GO UP AND TO THE RIGHT ON THE PERIODIC TABLE, ELECTRONEGATIVITY INCREASES, THAT WOULD MAKE FLUORINE THE MOST AND FRANCIUM THE LEAST ELECTRONEGATIVE ELEMENT. HOWEVER, STUDIES SUGGEST THAT CESIUM IS LESS ELECTRONEGATIVE THAN PRANCIUM DUE TO RELATIVISTIC EFFECTS.









THE THREE MAIN RULES OF ELECTRONS (AS EXPLAINED BY FLUORINE):

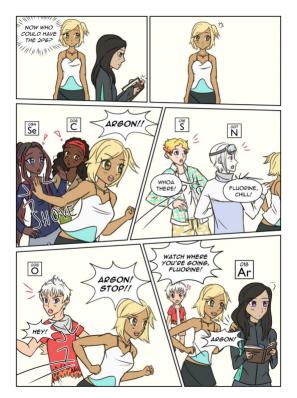
1. AUFBAU PRINCIPLE: COMPLETE THE SETS IN ORDER!

(SHELLS OF LOWER ENERGY LEVELS MUST BE FILLED BEFORE FILLING HIGHER ENERGY LEVELS.)

2. HUND'S LAW; COLLECT ALL THE ATTACK VERSIONS IN A CATEGORY BEFORE YOU GET THE DEFENCE VERSIONS!

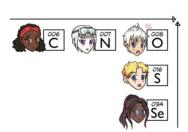
(ONE ELECTRON GETS PUT INTO EACH ORBITAL IN A SUBSHELL BEFORE POLIRI INS 10)

3. PAULI EXCLUSION PRINCIPLE: NO DUPLICATES! (NO TWO ELECTRONS IN AN ATOM CAN HAVE THE SAME FOUR QUANTUM NUMBERS.)



AS YOU GO UP AND TO THE RIGHT ON THE PERIODIC TABLE, THE REACTIVITY OF NON-METALS INCREASES. THE MOST REACTIVE NON-METAL IS *FLUORINE*.

IN GENERAL, NOBLE GASES SUCH AS ARGON ARE UNREACTIVE.















YOU LOST MY PAGE.







AREON IS THE MOST UNREACTIVE NOBLE 64S SCIENTISTS HAVE FORCED TO REACT, ALBEIT UNDER EXTREME CIRCUMSTANCES. IT FORMS THE COMPOUND AREON FLUOROHYDRIDE (HAF).

THE CHLORINE ATOM NEEDS A 396 ELECTRON TO COMPLETE ITS OUTER

SHELL, SO THAT ITS ELECTRON CONFIGURATION LOOLS LIKE THAT OF ARGON'S. THE FLUORINE ATOM NEEDS A 2PG ELECTRON.







ARSENIIIC! WHAT'S THE WIFI PASSWORD?



LEAD, STOP STEALING MY WIFI AND USE THE DORM WIFI INSTEAD!



HOW MANY E'S ARE IN "STEALING"?

ACADEMY \$118





ARSENIIIC! YOUR WIFI'S REALLY SLOW!



LEAD, IT'S
NOT MY WIF!!
YOU'RE NOT
ON MY WIF!!
YOU'RE ON
THE DORM
WIF!!

I'M GONNA RE-START IT!





ACADEMY \$118





Dear Journal,

The good news: Today I beat Silicon in a programming contest, made fifty bucks selling math test answers to the radioactives, and finally got Windows to boot my VPN.



ENGHE -



The bad news: I got stuck with that bloody moron Lead as a partner for the physics lab. He's only contributed one word to our lab report so far. It was his name, and he SPELLED IT WRONG.



I would tell you more, but right now I have to go rescue him. He got his hand stuck in a can of Pringles again.







DAY.

OOS O ,























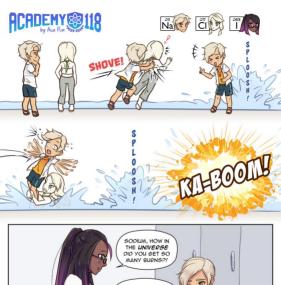




COMBUSTION (FIRE!) HAPPENS WHEN FUEL REACTS WITH AN OXIDIZER TO RELEASE HEAT. OXYGEN IS THE MOST COMMON OXIDIZER, BUT IT ISN'T THE ONLY ONE; OTHER CHEMICALS SUCH AS FLUORINE AND SULFURIC ACID WORK AS WELL.

EVER SEEN A HYDROGEN BALLOON BEING IGNITED? THIS LEADS TO EXPLOSIVE RESULTS, ESPECIALLY WHEN THE GAS IS MIXED WITH OXYGEN.







SODIUM'S REACTION WITH WATER CAN RELEASE SO MUCH HEAT THAT THE SODIUM CATCHES FIRE, RURNING WITH A CHARACTERISTIC YELLOW-ORANGE FLAME.

















PCRDEMY 118 PH Ni









HMPH. WHAT DO YOU WANT, CHEAP METAL?



I'M GONNA
BE RICH 'CAUSE
I'M GONNA WIN
THE LOTTERY
THIS WEEK!





YEAH, BUT

ARSENIC SAID

THAT IF I BOUGHT

SOO TICKETS, MY
CHANCES OF
WINNING WOULD
GO UP TO SOO
PERCENT!

I BET.HE MAKES SO MUCH MONEY OFF OF LOTTO TICKETS!



AND WHE WINT THE LOTTERY AND A NOBLE METAL THE YOU AND SOLD OF YOUR WHO SOLD YOU HE ANTI LIFESE EXPIRED AND AND THE YOU AND THE YOU THEY Y

TICKETS? C











OH, SILVER, THIS IS JUST TEODIRIE!



IT IS, ISN'T IT? SO MANY PEOPLE ARE DYING... HOSPITALS ARE OVER-FLOWING...

WE'RE
RUNNING OUT
OF MASKS...
DOCTORS
AND NURSES
ARE GETTING
SICK...



BUT
WORST OF
ALL ARE THE
PEOPLE WHO
THINK IT WON'T
AFFECT THEM,
SO THEY PUT
EVERYONE AT
RISK BY—

HOW
COULD THEY
DO THIS TO
ME?!? I WAS
GOING TO GO
TO THE SPA
TODAY!!!









HOW TO DISTRACT YOURSELF FROM THE PANDEMIC TO

THE IRON METHOD: WORK OUT ALL DAY



THE
NEODYMIUM
METHOD:
LISTEN TO
UPBEAT

MUSIC

THE



SILICON METHOD: LIVE IN THE COMPUTER WORLD



THERE'S A PAN-PEMIC?















IF YOU GO OUTSIDE, NOT ONLY ARE YOU PUTTING YOUR-SELF AT RISK. BUT OTHERS AS WELL! YOU COULD

HAVE THE VIRUS WITHOUT EVEN KNOWING IT!

RUT AS LONG AS YOU STAY INDOORS AND ACCEPT THE FACT THAT YOU CAN'T GET A MANICURE EVERY WEEK, THIS PANDEMIC

WON'T AFFECT US AT ALL-



YEAH? HOW ARE YOUR STOCKS











THE CARBON METHOD: GROW YOUR OWN FRUITS AND VEGETARLES



THE TIN METHOD: STOCK UP ON ENOUGH CANNED GOODS TO FEED A SMALL COUNTRY



THE SILICON METHOD: LIVE IN THE COMPUTER WORLD



ERROR -41: THE PROGRAM IS BUSY















THE ERBIUM METHOD: CHAT WITH PEOPLE

ONLINE



THE HYDROGEN METHOD:

PLAY WITH YOUR BEST FRIEND'S PETS



THE SILICON METHOD: LIVE IN THE COMPUTER WORLD



THERE RRE PED-PLE WHO NEED TO TALK TO OTHERS?

PCADENY 118 P 053 CL





FLUORINE:

IS THE
REASON ALL
THE STORES
ARE NOW
OUT OF



IODINE: CONSCRIPTED BY THE LOCAL HOSPITAL



CHLORINE: THINKS SHE CAN KEEP THE VIRUS AWAY BY

COVERING HER-SELF IN BLEACH IT WORKS, BUT NOT THE WAY SHE THINKS



