

Pick up eraser & whiteboard

Reminder:

test tomorrow

homework due tomorrow (all problems except 40-44, and 67-71)

Random Word Chooser

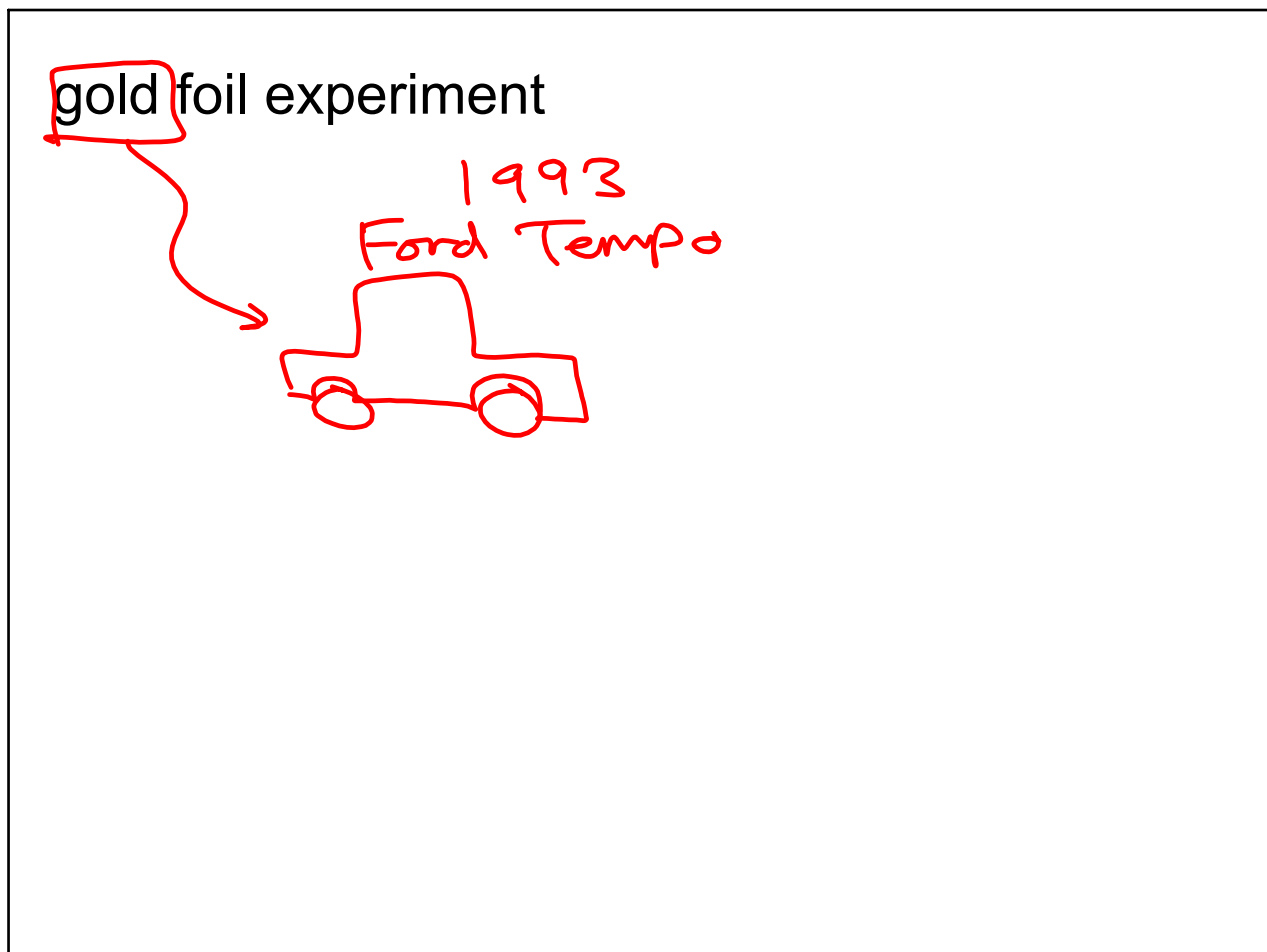
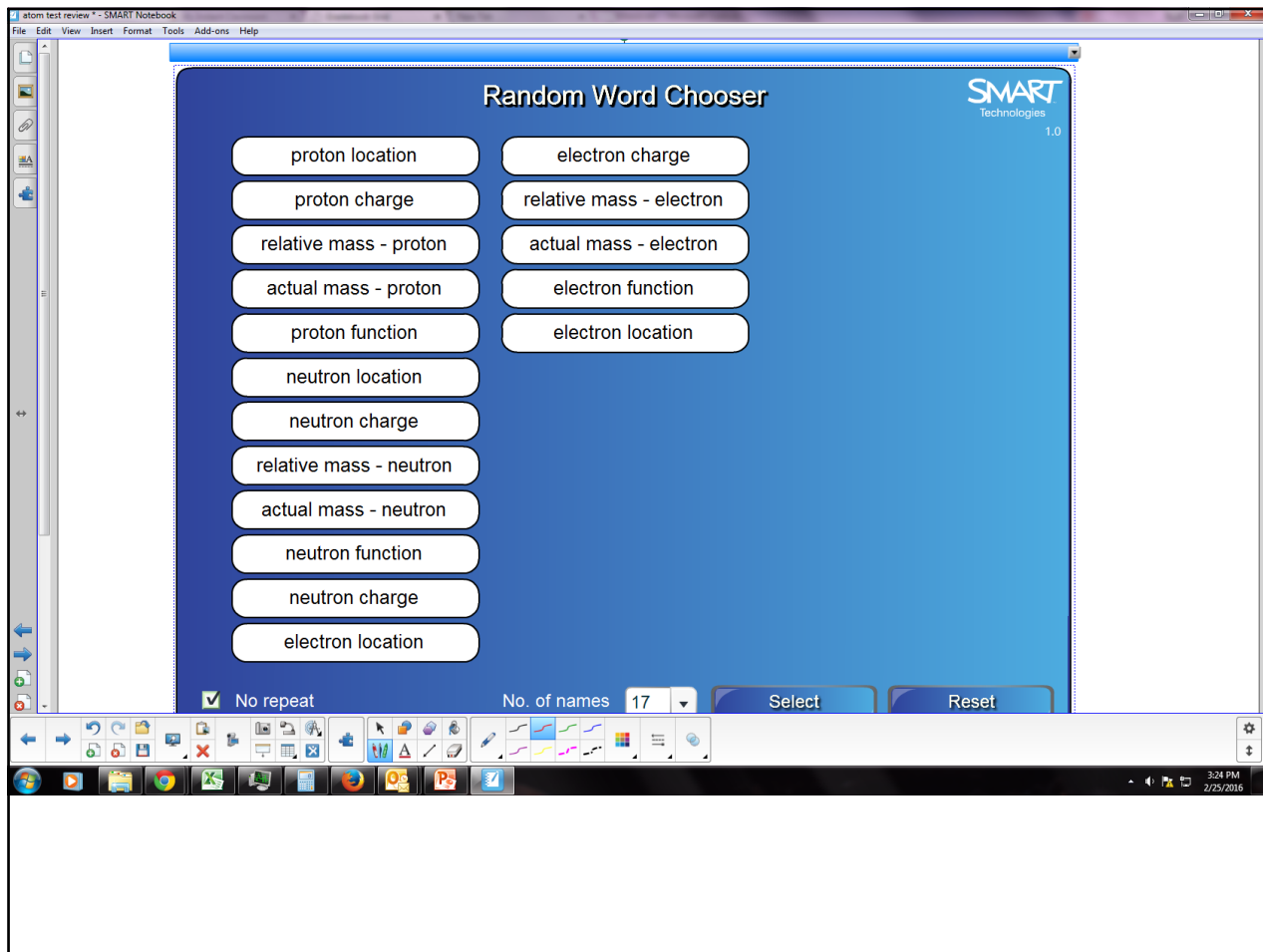
SMART Technologies 1.0

proton location	electron charge
proton charge	relative mass - electron
relative mass - proton	actual mass - electron
actual mass - proton	electron function
proton function	electron location
neutron location	
neutron charge	
relative mass - neutron	
actual mass - neutron	
neutron function	
neutron charge	
electron location	

No repeat

No. of names

Select Reset



blurry clouds have electrons

calculated emission spectra with flame tests

Bohr

Greek dude - everything made of atoms

rediscovered the atom idea

solar system model

uses tons of math to predict electron location



dense nucleus w/ positive charge

electrons are raisins, the rest is cookie dough

as electrons change energy levels, they can release energy, or "quanta"

cathode ray tubes

law of multiple proportions

Dalton

CH_4

H_2O

H_2O_2

energy level entered first

L o w e s t
available

color of light with most energy

orbital must be half filled before any _____
occurs



2+ atoms combined by chemical bonds

same element, different neutron #

a _____ is released or absorbed when an electron moves from one orbit to another

color of visible light w/ the longest wavelength

small, discrete packets of energy that make up photons

number of electrons allowed in each sub-orbital ("box")

the relative average of the masses of isotopes of an element (think "Beanium" lab)

the smallest particle of an element that possesses the properties of that element

number of protons in an atom

energy levels that are fully filled show greater

can be used to identify an unknown element

the color of visible light emitted when an electron falls a short distance

same element, different # of electrons

Au

Ge

Th