

Name _____

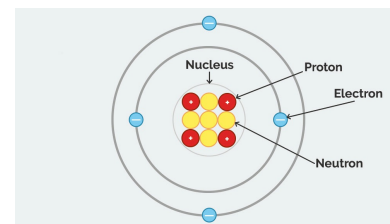
Date _____

Marie Curie & Determination - Vocab Cards

atom]>

the smallest particle of an element that can exist.

The chemist knew she couldn't let any amount of that element into her experiment—not even a single _atom_.



Use this word in a sentence or give an example to show you understand its meaning:

Draw this vocab word or an example of it:

chemistry]>

the science of the structure, behavior and properties of substances and the changes they undergo.

In my _chemistry_ class, we studied how certain substances combine to create mixtures and compounds.



Use this word in a sentence or give an example to show you understand its meaning:

Draw this vocab word or an example of it:

doctorate]>

the highest degree that is awarded by a university.

When Hector receives his _doctorate_, he will have the highest degree possible in his field.



Use this word in a sentence or give an example to show you understand its meaning:

Draw this vocab word or an example of it:

emission]>

something that is given off from a source, especially energy or fuel.

Car manufacturers are working to lower the _emission_ of carbon dioxide in order to lessen air pollution and slow climate change.



Use this word in a sentence or give an example to show you understand its meaning:

Draw this vocab word or an example of it:

master's degree]>

a degree given by a university to a student, usually after completing one or two years of graduate study.

After finishing college, Gina decided to study for her _master's degree_ at a nearby university.



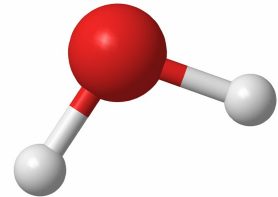
Use this word in a sentence or give an example to show you understand its meaning:

Draw this vocab word or an example of it:

molecule]>

the smallest particle of a substance that retains all the substance's properties. It is composed of one or more atoms.

A _molecule_ of carbon dioxide contains one carbon atom and two oxygen atoms.



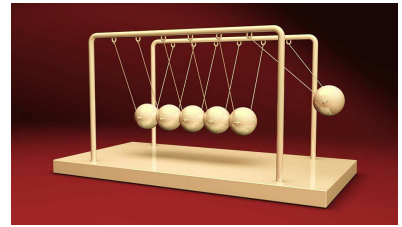
Use this word in a sentence or give an example to show you understand its meaning:

Draw this vocab word or an example of it:

physics]>

the science of matter and energy and how they affect each other.

In _physics_ class we studied different types of energy, including heat, light, sound and electricity.



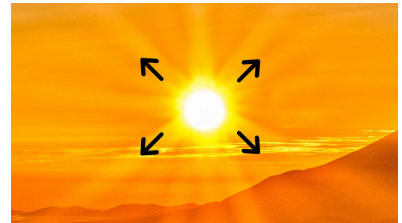
Use this word in a sentence or give an example to show you understand its meaning:

Draw this vocab word or an example of it:

radiation]>

heat or light energy sent out in the form of waves. Some forms can be dangerous.

The sun gives off _radiation_, and some of it is very dangerous.



Use this word in a sentence or give an example to show you understand its meaning:

Draw this vocab word or an example of it:

radioactivity]>

the property of some elements of spontaneously emitting energy.

Radioactivity is found in elements like uranium, radium and polonium.



Use this word in a sentence or give an example to show you understand its meaning:

Draw this vocab word or an example of it:

x-ray]>

electromagnetic radiation with less energy than gamma rays. Beams of it can penetrate solid material but not bones or teeth.

Since an _x-ray_ can't pass through bones, doctors can use them to diagnose a break or fracture.



Use this word in a sentence or give an example to show you understand its meaning:

Draw this vocab word or an example of it: