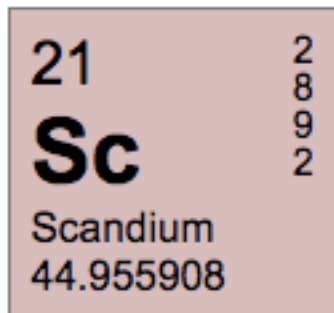


Cornell Notes	Name:	Date:
	Topic: Periodic Table	Period:

Essential Question: How are elements organized on the periodic table, and how does this organization relate to the periodic properties?

What information is given in each element box?



How is the Periodic Table arranged and what are the periodic properties?

The periodic table is arranged by the number of in an atom, this is called the

The horizontal rows on a periodic table are called
As you move from left to right across a period...

- The number of protons
- The number of valence electrons
- Atomic size (volume)

As you move down from one period to the next

- The number of increases
- The atomic size (volume)

A column is called a or , these atoms

- Share similar
- Have the same number of

What are the different names that we call elements and why?

Elements that have the same number of protons and electrons are called

If an atom has a different number of than protons it is called an

If an element loses an electron it has a charge and is now called a

If an element gains an electron it has a charge and is called an

Summary

