

Jeopardy

Periodic Trends Define	Periodic Trends	Periodic Families	Metals, NM and Metalloids	Misc.
100	100	100	100	100
200	200	200	200	200
300	300	300	300	300
400	400	400	400	400
500	500	500	500	500

100 Points

What does every single element want to be?

Answer | Back | Music

200 Points

Define atomic radius.

Answer | Back | Music

300 Points

Define electronegativity.

Answer | Back | Music

400 Points

Define Ionization Energy:

Answer | Back | Music

500 Points

Summarize the three periodic trends by filling out the following table.

	Down a Group	Across a Period
Atomic Radius		
Ionization Energy		
Electronegativity		

Answer | Back | Music

100 Points

Which has a larger radius?

Li or Na?

[Answer](#) | [Back](#) | [Music](#)

200 Points

Which element has a larger radius? S or Cl?

[Answer](#) | [Back](#) | [Music](#)

300 Points

Which of the following has the larger electronegativity? Cl or Br?

[Answer](#) | [Back](#) | [Music](#)

400 Points

Which of the following has the larger radius?

Ca or Ca²⁺

[Answer](#) | [Back](#) | [Music](#)

500 Points

Which Group 17/7A element has the highest electronegativity?

[Answer](#) | [Back](#) | [Music](#)

100 Points

What is the name for the d block elements?

[Answer](#) | [Back](#) | [Music](#)

200 Points

What is the name for group 2/2A elements?

[Answer](#) | [Back](#) | [Music](#)

300 Points

What is the name of the group that has 5 valence electrons?

[Answer](#) | [Back](#) | [Music](#)

400 Points

What is the name of the group that has completely filled s and p sublevels?

[Answer](#) | [Back](#) | [Music](#)

500 Points

What is the name of the elements that are filled through the s sublevel and partially filled in the f-block?

[Answer](#) | [Back](#) | [Music](#)

100 Points

The majority of the elements are _____.

[Answer](#) | [Back](#) | [Music](#)

200 Points

The following are found to the right of the stair step except for hydrogen.

[Answer](#) | [Back](#) | [Music](#)

300 Points

What are two properties of metals?

[Answer](#) | [Back](#) | [Music](#)

400 Points

Classify the following as metals, nonmetals or metalloids:

1. I
2. Pb
3. H

[Answer](#) | [Back](#) | [Music](#)

500 Points

Define a metalloid and list the 8 metalloids on the periodic table.

[Answer](#) | [Back](#) | [Music](#)

100 Points

Who is known as the father of the periodic table?

[Answer](#) | [Back](#) | [Music](#)

200 Points

Who is the individual that came up with the law of octaves?

[Answer](#) | [Back](#) | [Music](#)

300 Points

What is another name for the Group A elements?

[Answer](#) | [Back](#) | [Music](#)

400 Points

What element am I?

- Group A element with 3 valence electrons.
- My radius is the smallest in the group.

[Answer](#) | [Back](#) | [Music](#)

500 Points

What element am I?

- Element with the largest atomic radius and smallest IE in my group.
- I have one valence electron

[Answer](#) | [Back](#) | [Music](#)

100 Points

What is
a noble gas/full electron configuration?

[Score](#) | [Back](#)

200 Points

What is
1/2 the distance between two atoms?

[Score](#) | [Back](#)

300 Points

What is... the tendency to attract electrons when it chemically combines with another element?

[Score](#) | [Back](#)

400 Points

What is the energy required to remove an electron from an atom?

[Score](#) | [Back](#)

500 Points

What is

	Down a Group	Across a Period
Atomic Radius	increase	decrease
Ionization Energy	decrease	increase
Electronegativity	decrease	increase

Score | Back

100 Points

What is Na?

Score | Back

200 Points

What is

S?

Score | Back

300 Points

What is Cl?

Score | Back

400 Points

What is

Ca

Score | Back

500 Points

What is:

F?


Score | Back

100 Points

What are the transition metals?

Score | Back

200 Points

What is  alkaline earth metals?

Score | Back

300 Points

What is nitrogen family?

Score | Back

400 Points

What are the noble gases?

Score | Back

500 Points

What are the inner transition metals?

Score | Back

100 Points

What are metals?

Score | Back

200 Points

What are the nonmetals?

Score | Back

300 Points

What is.....

conduct electricity, luster, ductile,
malleable?

Score | Back

400 Points

What is

1. I (nonmetal)
2. Pb (metal)
3. H (nonmetal)

Score | Back

500 Points

What is a substance that can behave like a
metal or nonmetal depending on the
conditions?

B, Si, Ge, As, Sb, Te, Po, At

Score | Back

100 Points

What is:

Dmitri Mendeleev?
Dmsdjfslk

Score | Back

200 Points

What is John Newlands?

Score | Back

300 Points

What are the representative elements?

[Score](#) | [Back](#)

400 Points

What is

Boron?

[Score](#) | [Back](#)

500 Points

What is:

Fr?

[Score](#) | [Back](#)

Final Jeopardy

[Back](#)

Daily Double!!!

Please pick up a pen from the pen tray and, in the box below, write down the amount that you are willing to wager.

[Go To Daily Double Question](#) | [Back](#) | [Music](#)

Daily Double!!!

Insert your Daily Double question here.

[Go To Daily Double Answer](#) | [Back](#) | [Music](#)

Daily Double!!!

Insert answer to Daily Double here.

[Score](#) | [Back](#)

400 Points

Nicely Done!

[Score](#) | [Back](#)