

Name: \_\_\_\_\_

Class: \_\_\_\_\_

Date: \_\_\_\_\_

Match the vocabulary words with their definitions and label each trend on the periodic table below using the colors indicated.

## Periodic Table Trends

### Disrupt Property

- \_\_\_\_\_ 1. electron affinity
- \_\_\_\_\_ 2. electronegativity
- \_\_\_\_\_ 3. atomic radius
- \_\_\_\_\_ 4. ionic radius
- \_\_\_\_\_ 5. ionization energy
- \_\_\_\_\_ 6. nonmetal reactivity
- \_\_\_\_\_ 7. metal reactivity

### Definition

- A. A measurement of the attraction of an atom for a pair of shared electrons in a covalent bond.
- B. A measurement of the amount of energy released when an electron is added to a neutral atom.
- C. The tendency of a nonmetal to react.
- D. The tendency of a metal to react.
- E. A measurement of the size of a neutral atom.
- F. A measurement of the size of an ion.
- G. A measurement of the energy required to take away an electron from a neutral atom.

1																	18
H											B	C	N	O	F	Ne	
Li	Be											Al	Si	P	S	Cl	Ar
Na	Mg											Ga	Ge	As	Se	Br	Kr
K	Ca	Sc	Ti	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	Ga	Ge	As	Se	Br	Kr
Rb	Sr	Y	Zr	Nb	Mo	Tc	Ru	Rh	Pd	Ag	Cd	In	Sn	Sb	Te	I	Xe
Cs	Ba	Lu	Hf	Ta	W	Re	Os	Ir	Pt	Au	Hg	Tl	Pb	Bi	Po	At	Rn
Fr	Ra	Lr	Rf	Db	Sg	Bh	Hs	Mt	Ds	Rg	Cn	Nh	Fl	Mc	Lv	Ts	Og
		La	Ce	Pr	Nd	Pm	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb		
		Ac	Th	Pa	U	Np	Pu	Am	Cm	Bk	Cf	Es	Fm	Md	No		

- brown: electron affinity
- red: electronegativity
- blue: atomic radius
- purple: ionic radius
- orange: ionization energy
- green: nonmetal reactivity
- yellow: metal reactivity

lowest → highest

# Periodic Table Trends Summary Answers Trends

**Lawrie Ryan**



**Periodic Table Trends Summary Answers Trends:**

## Decoding **Periodic Table Trends Summary Answers Trends**: Revealing the Captivating Potential of Verbal Expression

In a time characterized by interconnectedness and an insatiable thirst for knowledge, the captivating potential of verbal expression has emerged as a formidable force. Its capability to evoke sentiments, stimulate introspection, and incite profound transformations is genuinely awe-inspiring. Within the pages of "**Periodic Table Trends Summary Answers Trends**," a mesmerizing literary creation penned by a celebrated wordsmith, readers set about an enlightening odyssey, unraveling the intricate significance of language and its enduring affect our lives. In this appraisal, we shall explore the book's central themes, evaluate its distinctive writing style, and gauge its pervasive influence on the hearts and minds of its readership.

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