

Chapter 4 Atomic Structure

WordWise

Solve the clues to determine which vocabulary terms from Chapter 4 are hidden in the puzzle. Then find and circle the terms in the puzzle. The terms may occur vertically, horizontally, or diagonally.

e	m	a	s	a	m	m	h	e	r	a	m	
m	l	m	r	h	i	t	a	l	a	a	p	i
r	e	e	m	l	r	p	t	e	p	h	k	e
g	m	a	c	a	s	r	d	e	r	h	l	e
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m	g	a	h	m	e	m	p	l	q	d	c	p
p	r	q	p	i	m	m	m	m	a	e	e	e
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t	e	m	e	h	d	r	l	m	l	k	m	r
r	e	c	l	m	e	r	a	h	t	m	p	k
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p	l	e	m	h	a	r	l	e	t	a	h	d
h	e	a	q	e	t	e	m	c	m	r	m	k
r	t	a	i	e	e	h	j	m	a	l	l	e

Clues

- Dense, positively charged mass in the center of an atom
- Positively charged subatomic particle found in the nucleus
- Neutral subatomic particle found in the nucleus
- Number of protons in an atom of an element
- Sum of the protons and neutrons in the nucleus of an atom
- Atoms of the same element having different numbers of neutrons
- Possible energies that electrons in an atom can have
- Visual model of the most likely locations for electrons in an atom
- Region of space where an electron is likely to be found
- Term for an atom whose electrons have the lowest possible energies

Hidden Words

- _____
- _____
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- _____

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Chapter 4 Atomic Structure Wordwise Answer Key

**Thirumalaisamy P.
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