

# Atomic Structure Worksheet

1 How many protons and neutrons are present in an atom of calcium (Mass number = 40)?

Protons = \_\_\_\_\_

Neutrons = \_\_\_\_\_

2 How many protons and neutrons are present in an atom of krypton (Mass number = 84)?

Protons = \_\_\_\_\_

Neutrons = \_\_\_\_\_

3 What is the name, symbol, and charge of an ion that contains 12 protons and 10 electrons?

Name = \_\_\_\_\_

Symbol = \_\_\_\_\_

Charge = \_\_\_\_\_

4 What is the name, symbol, and charge of an ion that contains 15 protons and 18 electrons?

Name = \_\_\_\_\_

Symbol = \_\_\_\_\_

Charge = \_\_\_\_\_

5 A neutral atom has 85 protons and 125 neutrons. Show calculations wherever necessary.

a What is its atomic number? \_\_\_\_\_

b What is its mass number? \_\_\_\_\_

c How many electrons does the atom have? \_\_\_\_\_

d What is the name of the atom? \_\_\_\_\_

6 Assuming all the atoms have neutral charge, complete the following table using your knowledge on atomic structure.

	Protons	Electrons	Neutrons	Mass number
Atom 1		8	8	
Atom 2			14	28
Atom 3	22			48
Atom 4		47		107
Atom 5		83	126	
Atom 6	87			223

# Atomic Structure Periodic Table Answers Key 2013

**NARAYAN CHANDER**

## Atomic Structure Periodic Table Answers Key 2013:

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Organic Compounds Containing Nitrogen Polymers Biomolecules and Chemistry in Everyday Life Appendix NEET SOLVED Paper 2018 NEET National Paper 2019 NEET Odisha Paper 2019 NEET Solved Paper 2020 Sept NEET Solved Paper 2020 NEET Solved Paper 2020 Oct NEET Solved Paper 2021 **International Tables for Crystallography, Volume H**

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