

Name: ..... Date: .....

# Atomic Basics Worksheet

1. What are the three particles found in an atom? What are their charges?

2. Complete the following table with the appropriate information.

Element	Symbol	Number of Protons
Lithium		
Bromine		
Oxygen		
Copper		
Iron		
Krypton		
Mercury		
Helium		

3. Complete the following table with the appropriate information.

Element	Symbol	Number of Protons
Uranium		
Boron		
Iodine		
Chlorine		
Xenon		

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## Answers

1. What are the three particles found in an atom? What are their charges?

An atom is made up of three types of particles - protons (positively charged particles), electrons (negatively charged particles), and neutrons (particles without any charge).

2. Complete the following table with the appropriate information.

Element	Symbol	Number of Protons
Lithium	Li	3
Bromine	Br	35
Oxygen	O	8
Copper	Cu	29
Iron	Fe	26
Krypton	Kr	36
Mercury	Hg	80
Helium	He	2

3. Complete the following table with the appropriate information.

Element	Symbol	Number of Protons
Uranium	U	92
Boron	B	5
Iodine	I	53
Chlorine	Cl	17
Xenon	Xe	54