



Use periodic table in your textbook on page 54;

NAME: Key PERIOD: \_\_\_\_\_

Calculating Atomic Mass & Number and Numbers of Protons, Electrons & Neutrons

Use the Periodic Table on pages ~~102-105~~ to fill in the blanks in the following table.

Element	Element Symbol	Atomic Mass	Atomic Number	# of Protons	# of Electrons	# of Neutrons
Chlorine	Cl	35.5	17	17	17	$\frac{36}{-17}$ 19
Nitrogen	N	14.0	7	7	7	7
Sodium	Na	23.0	11	11	11	12
Iodine	I	126.9	53	53	53	$127 - 53$ $= 74$
Tellurium	Te	127.6	52	52	52	$128 - 52$ $= 76$
Barium	Ba	137.3	56	56	56	$137 - 56$ $= 81$
Iron	Fe	55.8	26	26	26	$56 - 26$ 30
Neon	Ne	20.2	10	10	10	10
Beryllium	Be	9.0	4	4	4	5
Oxygen	O	16.0	8	8	8	8
Rubidium	Rb	85.5	37	37	37	$86 - 37$ $= 49$
Sulfur	S	32.1	16	16	16	16
Arsenic	As	74.9	33	33	33	$75 - 33$ $= 42$
Potassium	K	39.1	19	19	19	$39 - 19$ $= 20$