

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

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

## Subatomic Particles

Complete the chart using the given information and the Periodic Table. All entries relate to atoms.

Element name	Atomic number	Mass number	Standard atomic notation	Number of protons	Number of electrons	Number of neutrons
aluminum	13	27	$^{27}_{13}\text{Al}$	13	13	14
			$^{40}_{18}\text{Ar}$			
	4	9				
				5		6
	20	40				
carbon						6
	17					18
		19		9		
		4			2	
					1	0
	3	7				
		24		12		
neon		20				
	7					7
				8		8
		31			15	
				19		20
					14	14
sulfur						16
			$^{23}_{11}\text{Na}$			