

Lesson 44: ANSWERS

Atom						Ion				
element	# of protons	# of electrons	ending electron distribution	# of valence e-	family #	to become stable	# of protons	# of electrons	ion charge	
Li	<u>3</u> P+	<u>3</u> e-	2s1	1	1	lose/gain <u>1</u> e-	<u>3</u> P+	<u>2</u> e-	1+	
Be	<u>4</u> P+	<u>4</u> e-	2s2	2	2	lose/gain <u>2</u> e-	<u>4</u> P+	<u>2</u> e-	2+	
B	<u>5</u> P+	<u>5</u> e-	2s22p1	3	13	lose/gain <u>3</u> e-	<u>5</u> P+	<u>2</u> e-	3+	
C	<u>6</u> P+	<u>6</u> e-	2s22p2	4	14	lose or gain <u>4</u> e-	<u>6</u> P+	2 or 10 e-	4+ or 4-	
N	<u>7</u> P+	<u>7</u> e-	2s22p3	5	15	lose/gain <u>3</u> e-	<u>7</u> P+	<u>10</u> e-	3-	
O	<u>8</u> p+	<u>8</u> e-	2s22p4	6	16	lose/gain <u>2</u> e-	<u>8</u> P+	<u>10</u> e-	2-	
F	<u>9</u> P+	<u>9</u> e-	2s22p5	7	17	lose/gain <u>1</u> e-	<u>9</u> P+	<u>10</u> e-	1-	
Ne	<u>10</u> P+	<u>10</u> e-	2s22p6	8	18	no loss or gain	<u>10</u> P+	<u>10</u> e-	0	