

	1	2	13	14	15	16	17	18
1	<b>1</b> <b>H</b> $(1s)^1$							<b>2</b> <b>He</b> $(1s)^2$
2	<b>3</b> <b>Li</b>	<b>4</b> <b>Be</b> $(1s)^2 (2s)^2$	<b>5</b> <b>B</b> $(1s)^2 (2s)^2 (2p)^1$	<b>6</b> <b>C</b> $(1s)^2 (2s)^2 (2p)^2$	<b>7</b> <b>N</b>	<b>8</b> <b>O</b>	<b>9</b> <b>F</b> $(1s)^2 (2s)^2 (2p)^5$	<b>10</b> <b>Ne</b>
3	<b>11</b> <b>Na</b> $(1s)^2 (2s)^2 (2p)^6 (3s)^1$	<b>12</b> <b>Mg</b>	<b>13</b> <b>Al</b>	<b>14</b> <b>Si</b> $(1s)^2 (2s)^2 (2p)^6 (3s)^2 (3p)^2$	<b>15</b> <b>P</b>	<b>16</b> <b>S</b> $(1s)^2 (2s)^2 (2p)^6 (3s)^2 (3p)^4$	<b>17</b> <b>Cl</b>	<b>18</b> <b>Ar</b> $(1s)^2 (2s)^2 (2p)^6 (3s)^2 (3p)^6$



$(1s)^2 (2s)^2 (2p)^6 (3s)^2 (3p)^1$	$(1s)^2 (2s)^2 (2p)^6 (3s)^2 (3p)^5$	$(1s)^2 (2s)^2 (2p)^6 (3s)^2 (3p)^3$	$(1s)^2 (2s)^2 (2p)^6 (3s)^2 (3p)^4$
$(1s)^2 (2s)^2 (2p)^3$	$(1s)^2 (2s)^1$	$(1s)^2 (2s)^2 (2p)^6 (3s)^2 (3p)^3$	$(1s)^2 (2s)^2 (2p)^4$