

NAME:

PD:

DATE

Atomic Dimension Work Sheet AGAIN & Again

The Table below **contains information about several elements**. Use this table to review the concepts of atomic number, mass number, number of subatomic particles, isotopes, and charged & uncharged atoms. In each case, enough information has been provided for you to fill in all the blanks.

ELEMENT	SYMBOL	MASS #	# OF n	# OF p+	ATOMIC #	# OF e ⁻	OTHER
		<u>12</u>		<u>6</u>		<u>6</u>	
		<u>23</u>		<u>11</u>		<u>10</u>	
			<u>8</u>			<u>6</u>	
		<u>35</u>	<u>18</u>				
			<u>10</u>		<u>9</u>	<u>10</u>	
			<u>14</u>	<u>14</u>		<u>14</u>	
					<u>31</u>		<u>Ion +3</u>
				<u>22</u>		<u>24</u>	
		<u>32</u>	<u>16</u>				<u>Ion -2</u>
<u>Tin</u>		<u>119</u>				<u>50</u>	
			<u>125</u>		<u>82</u>		
		<u>108</u>		<u>47</u>			
		31			<u>15</u>		<u>Ion -3</u>
		<u>4</u>		<u>2</u>			
		<u>5</u>			<u>2</u>		
<u>Oxygen</u>		<u>16</u>			<u>8</u>		<u>Ion -2</u>
		<u>17</u>			<u>8</u>	<u>10</u>	
		<u>15</u>			<u>8</u>	<u>10</u>	
<u>Potassium</u>			<u>20</u>	19	<u>19</u>		
	<u>Zn</u>			<u>30</u>			
<u>Krypton</u>		<u>84</u>		<u>36</u>			<u>Stable</u>
		<u>65</u>			<u>29</u>		
<u>Manganese</u>		<u>55</u>			<u>25</u>		
		<u>24</u>			<u>12</u>		
		<u>201</u>			<u>80</u>		
			<u>32</u>	<u>27</u>			
			<u>60</u>	<u>46</u>			