

## ELECTRON CONFIGURATIONS OF ELEMENTS

<i>ELEMENTS NAME</i>	<i>SYMBOL</i>	<i>ATOMIC NUMBER</i>	<i>ELECTRON CONFIGURATION</i>
HYDROGEN	<i>H</i>	<i>1</i>	
HELIUM	<i>He</i>	<i>2</i>	
LITHIUM	<i>Li</i>	<i>3</i>	
BERYLLIUM	<i>Be</i>	<i>4</i>	
BORON	<i>B</i>	<i>5</i>	
CARBON	<i>C</i>	<i>6</i>	
NITROGEN	<i>N</i>	<i>7</i>	
OXYGEN	<i>O</i>	<i>8</i>	
FLUORINE	<i>F</i>	<i>9</i>	
NEON	<i>Ne</i>	<i>10</i>	
SODIUM	<i>Na</i>	<i>11</i>	
MAGNESIUM	<i>Mg</i>	<i>12</i>	
ALUMINIUM	<i>Al</i>	<i>13</i>	
SILICON	<i>Si</i>	<i>14</i>	
PHOSPHORUS	<i>P</i>	<i>15</i>	
SULFUR	<i>S</i>	<i>16</i>	
CHLORINE	<i>Cl</i>	<i>17</i>	
ARGON	<i>Ar</i>	<i>18</i>	
POTASSIUM	<i>K</i>	<i>19</i>	
CALCIUM	<i>Ca</i>	<i>20</i>	
SCANDIUM	<i>Sc</i>	<i>21</i>	
TITANIUM	<i>Ti</i>	<i>22</i>	

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## ELECTRON CONFIGURATIONS OF ELEMENTS

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VANADIUM	<i>V</i>	<b>23</b>	
CHROMIUM	<i>Cr</i>	<b>24</b>	
MANGANESE	<i>Mn</i>	<b>25</b>	
IRON	<i>Fe</i>	<b>26</b>	
COBALT	<i>Co</i>	<b>27</b>	
NICKEL	<i>Ni</i>	<b>28</b>	
COPPER	<i>Cu</i>	<b>29</b>	
ZINC	<i>Zn</i>	<b>30</b>	
GALLIUM	<i>Ga</i>	<b>31</b>	
GERMANIUM	<i>Ge</i>	<b>32</b>	
ARSENIC	<i>As</i>	<b>33</b>	
SELENIUM	<i>Se</i>	<b>34</b>	
BROMINE	<i>Br</i>	<b>35</b>	
KRYPTON	<i>Kr</i>	<b>36</b>	
RUBIDIUM	<i>Rb</i>	<b>37</b>	
STRONTIUM	<i>Sr</i>	<b>38</b>	
YTTRIUM	<i>Y</i>	<b>39</b>	
ZIRCONIUM	<i>Zr</i>	<b>40</b>	
NIوبيUM	<i>Nb</i>	<b>41</b>	
MOLYBDENUM	<i>Mo</i>	<b>42</b>	
TECHNETIUM	<i>Tc</i>	<b>43</b>	
RUTHENIUM	<i>Ru</i>	<b>44</b>	

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<i>ELEMENTS NAME</i>	<i>SYMBOL</i>	<i>ATOMIC NUMBER</i>	<i>ELECTRON CONFIGURATION</i>
RHODIUM	<i>Rh</i>	<b>45</b>	
PALLADIUM	<i>Pd</i>	<b>46</b>	
SILVER	<i>Ag</i>	<b>47</b>	
CADMIUM	<i>Cd</i>	<b>48</b>	
INDIUM	<i>In</i>	<b>49</b>	
TIN	<i>Sn</i>	<b>50</b>	
ANTIMONY	<i>Sb</i>	<b>51</b>	
TELLURIUM	<i>Te</i>	<b>52</b>	
IODINE	<i>I</i>	<b>53</b>	
XENON	<i>Xe</i>	<b>54</b>	
CESIUM	<i>Cs</i>	<b>55</b>	
BARIUM	<i>Ba</i>	<b>56</b>	
LANTHANUM	<i>La</i>	<b>57</b>	
CERIUM	<i>Ce</i>	<b>58</b>	
PRASEODYMIUM	<i>Pr</i>	<b>59</b>	
NEODYMIUM	<i>Nd</i>	<b>60</b>	
PROMETHIUM	<i>Pm</i>	<b>61</b>	
SAMARIUM	<i>Sm</i>	<b>62</b>	
EUROPIUM	<i>Eu</i>	<b>63</b>	
GADOLINIUM	<i>Gd</i>	<b>64</b>	
TERBIUM	<i>Tb</i>	<b>65</b>	
DYSPROSIUM	<i>Dy</i>	<b>66</b>	

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<i>ELEMENTS NAME</i>	<i>SYMBOL</i>	<i>ATOMIC NUMBER</i>	<i>ELECTRON CONFIGURATION</i>
HOLMIUM	<i>Ho</i>	<b>67</b>	
ERBIUM	<i>Er</i>	<b>68</b>	
THULIUM	<i>Tm</i>	<b>69</b>	
YTTERBIUM	<i>Yb</i>	<b>70</b>	
LUTETIUM	<i>Lu</i>	<b>71</b>	
HAFNIUM	<i>Hf</i>	<b>72</b>	
TANTALUM	<i>Ta</i>	<b>73</b>	
TUNGSTEN	<i>W</i>	<b>74</b>	
RHENIUM	<i>Re</i>	<b>75</b>	
OSMIUM	<i>Os</i>	<b>76</b>	
IRIDIUM	<i>Ir</i>	<b>77</b>	
PLATINUM	<i>Pt</i>	<b>78</b>	
GOLD	<i>Au</i>	<b>79</b>	
MERCURY	<i>Hg</i>	<b>80</b>	
THALLIUM	<i>Tl</i>	<b>81</b>	
LEAD	<i>Pb</i>	<b>82</b>	
BISMUTH	<i>Bi</i>	<b>83</b>	
POLONIUM	<i>Po</i>	<b>84</b>	
ASTATINE	<i>At</i>	<b>85</b>	
RADON	<i>Rn</i>	<b>86</b>	
FRANCIUM	<i>Fr</i>	<b>87</b>	
RADIUM	<i>Ra</i>	<b>88</b>	

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<i>ELEMENTS NAME</i>	<i>SYMBOL</i>	<i>ATOMIC NUMBER</i>	<i>ELECTRON CONFIGURATION</i>
ACTINIUM	<i>Ac</i>	<b>89</b>	
THORIUM	<i>Th</i>	<b>90</b>	
PROTACTINIUM	<i>Pa</i>	<b>91</b>	
URANIUM	<i>U</i>	<b>92</b>	
NEPTUNIUM	<i>Np</i>	<b>93</b>	
PLUTONIUM	<i>Pu</i>	<b>94</b>	
AMERICIUM	<i>Am</i>	<b>95</b>	
CURIUM	<i>Cm</i>	<b>96</b>	
BERKELIUM	<i>Bk</i>	<b>97</b>	
CALIFORNIUM	<i>Cf</i>	<b>98</b>	
EINSTEINIUM	<i>Es</i>	<b>99</b>	
FERMIUM	<i>Fm</i>	<b>100</b>	
MENDELEVIUM	<i>Md</i>	<b>101</b>	
NOBELIUM	<i>No</i>	<b>102</b>	
LAWRENCIUM	<i>Lr</i>	<b>103</b>	
RUTHERFORDIUM	<i>Rf</i>	<b>104</b>	
DUBNIUM	<i>Db</i>	<b>105</b>	
SEABORGIUM	<i>Sg</i>	<b>106</b>	
BOHRIUM	<i>Bh</i>	<b>107</b>	
HASSIUM	<i>Hs</i>	<b>108</b>	
MEITNERIUM	<i>Mt</i>	<b>109</b>	
DARMSTADIUM	<i>Ds</i>	<b>110</b>	

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## ELECTRON CONFIGURATIONS OF ELEMENTS

<i>ELEMENTS NAME</i>	<i>SYMBOL</i>	<i>ATOMIC NUMBER</i>	<i>ELECTRON CONFIGURATION</i>
ROENTGENIUM	<i>Rg</i>		
COPERNIUM	<i>Cn</i>		
NIHONIUM	<i>Nh</i>		
FLEROVIUM	<i>Fl</i>		
MOSCOVIUM	<i>Mc</i>		
LIVERMORIUM	<i>Lv</i>		
TENNESSINE	<i>Ts</i>		
OGANESSON	<i>OG</i>		

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## ELECTRON CONFIGURATIONS OF ELEMENTS-ANSWER

<i>ELEMENTS NAME</i>	<i>SYMBOL</i>	<i>ATOMIC NUMBER</i>	<i>ELECTRON CONFIGURATION</i>
HYDROGEN	<i>H</i>	<b>1</b>	$1s^1$
HELIUM	<i>He</i>	<b>2</b>	$1s^2$
LITHIUM	<i>Li</i>	<b>3</b>	$1s^2 2s^1$
BERYLLIUM	<i>Be</i>	<b>4</b>	$1s^2 2s^2$
BORON	<i>B</i>	<b>5</b>	$1s^2 2s^2 2p^1$
CARBON	<i>C</i>	<b>6</b>	$1s^2 2s^2 2p^2$
NITROGEN	<i>N</i>	<b>7</b>	$1s^2 2s^2 2p^3$
OXYGEN	<i>O</i>	<b>8</b>	$1s^2 2s^2 2p^4$
FLUORINE	<i>F</i>	<b>9</b>	$1s^2 2s^2 2p^5$
NEON	<i>Ne</i>	<b>10</b>	$1s^2 2s^2 2p^6$
SODIUM	<i>Na</i>	<b>11</b>	$1s^2 2s^2 2p^6 3s^1$
MAGNESIUM	<i>Mg</i>	<b>12</b>	$1s^2 2s^2 2p^6 3s^2$
ALUMINIUM	<i>Al</i>	<b>13</b>	$1s^2 2s^2 2p^6 3s^2 3p^1$
SILICON	<i>Si</i>	<b>14</b>	$1s^2 2s^2 2p^6 3s^2 3p^2$
PHOSPHORUS	<i>P</i>	<b>15</b>	$1s^2 2s^2 2p^6 3s^2 3p^3$
SULFUR	<i>S</i>	<b>16</b>	$1s^2 2s^2 2p^6 3s^2 3p^4$
CHLORINE	<i>Cl</i>	<b>17</b>	$1s^2 2s^2 2p^6 3s^2 3p^5$
ARGON	<i>Ar</i>	<b>18</b>	$1s^2 2s^2 2p^6 3s^2 3p^6$
POTASSIUM	<i>K</i>	<b>19</b>	$1s^2 2s^2 2p^6 3s^2 3p^6 4s^1$
CALCIUM	<i>Ca</i>	<b>20</b>	$1s^2 2s^2 2p^6 3s^2 3p^6 4s^2$
SCANDIUM	<i>Sc</i>	<b>21</b>	$1s^2 2s^2 2p^6 3s^2 3p^6 4s^2 3d^1$
TITANIUM	<i>Ti</i>	<b>22</b>	$1s^2 2s^2 2p^6 3s^2 3p^6 4s^2 3d^2$

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VANADIUM	<i>V</i>	<b>23</b>	$1s^2 2s^2 2p^6 3s^2 3p^6 4s^2 3d^3$
CHROMIUM	<i>Cr</i>	<b>24</b>	$1s^2 2s^2 2p^6 3s^2 3p^6 3d^5 4s^1$
MANGANESE	<i>Mn</i>	<b>25</b>	$1s^2 2s^2 2p^6 3s^2 3p^6 3d^5 4s^2$
IRON	<i>Fe</i>	<b>26</b>	$1s^2 2s^2 2p^6 3s^2 3p^6 3d^6 4s^2$
COBALT	<i>Co</i>	<b>27</b>	$1s^2 2s^2 2p^6 3s^2 3p^6 3d^7 4s^2$
NICKEL	<i>Ni</i>	<b>28</b>	$1s^2 2s^2 2p^6 3s^2 3p^6 3d^8 4s^2$
COPPER	<i>Cu</i>	<b>29</b>	$1s^2 2s^2 2p^6 3s^2 3p^6 3d^{10} 4s^1$
ZINC	<i>Zn</i>	<b>30</b>	$1s^2 2s^2 2p^6 3s^2 3p^6 3d^{10} 4s^2$
GALLIUM	<i>Ga</i>	<b>31</b>	$1s^2 2s^2 2p^6 3s^2 3p^6 3d^{10} 4s^2 4p^1$
GERMANIUM	<i>Ge</i>	<b>32</b>	$1s^2 2s^2 2p^6 3s^2 3p^6 3d^{10} 4s^2 4p^2$
ARSENIC	<i>As</i>	<b>33</b>	$1s^2 2s^2 2p^6 3s^2 3p^6 3d^{10} 4s^2 4p^3$
SELENIUM	<i>Se</i>	<b>34</b>	$1s^2 2s^2 2p^6 3s^2 3p^6 3d^{10} 4s^2 4p^4$
BROMINE	<i>Br</i>	<b>35</b>	$1s^2 2s^2 2p^6 3s^2 3p^6 3d^{10} 4s^2 4p^5$
KRYPTON	<i>Kr</i>	<b>36</b>	$1s^2 2s^2 2p^6 3s^2 3p^6 3d^{10} 4s^2 4p^6$
RUBIDIUM	<i>Rb</i>	<b>37</b>	$1s^2 2s^2 2p^6 3s^2 3p^6 3d^{10} 4s^2 4p^6 5s^1$
STRONTIUM	<i>Sr</i>	<b>38</b>	$1s^2 2s^2 2p^6 3s^2 3p^6 3d^{10} 4s^2 4p^6 5s^2$
YTTRIUM	<i>Y</i>	<b>39</b>	$1s^2 2s^2 2p^6 3s^2 3p^6 3d^{10} 4s^2 4p^6 4d^1 5s^2$
ZIRCONIUM	<i>Zr</i>	<b>40</b>	$1s^2 2s^2 2p^6 3s^2 3p^6 3d^{10} 4s^2 4p^6 4d^2 5s^2$
NIOBIUM	<i>Nb</i>	<b>41</b>	$1s^2 2s^2 2p^6 3s^2 3p^6 3d^{10} 4s^2 4p^6 4d^4 5s^1$
MOLYBDENUM	<i>Mo</i>	<b>42</b>	$1s^2 2s^2 2p^6 3s^2 3p^6 3d^{10} 4s^2 4p^6 4d^5 5s^1$
TECHNETIUM	<i>Tc</i>	<b>43</b>	$1s^2 2s^2 2p^6 3s^2 3p^6 3d^{10} 4s^2 4p^6 4d^5 5s^2$
RUTHENIUM	<i>Ru</i>	<b>44</b>	$1s^2 2s^2 2p^6 3s^2 3p^6 3d^{10} 4s^2 4p^6 4d^7 5s^1$

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ELEMENTS NAME	SYMBOL	ATOMIC NUMBER	ELECTRON CONFIGURATION
RHODIUM	<i>Rh</i>	<b>45</b>	$1s^2 2s^2 2p^6 3s^2 3p^6 3d^{10} 4s^2 4p^6 4d^8 5s^1$
PALLADIUM	<i>Pd</i>	<b>46</b>	$1s^2 2s^2 2p^6 3s^2 3p^6 3d^{10} 4s^2 4p^6 4d^{10}$
SILVER	<i>Ag</i>	<b>47</b>	$1s^2 2s^2 2p^6 3s^2 3p^6 3d^{10} 4s^2 4p^6 4d^{10} 5s^1$
CADMIUM	<i>Cd</i>	<b>48</b>	$1s^2 2s^2 2p^6 3s^2 3p^6 3d^{10} 4s^2 4p^6 4d^{10} 5s^2$
INDIUM	<i>In</i>	<b>49</b>	$1s^2 2s^2 2p^6 3s^2 3p^6 3d^{10} 4s^2 4p^6 4d^{10} 5s^2 5p^1$
TIN	<i>Sn</i>	<b>50</b>	$1s^2 2s^2 2p^6 3s^2 3p^6 3d^{10} 4s^2 4p^6 4d^{10} 5s^2 5p^2$
ANTIMONY	<i>Sb</i>	<b>51</b>	$1s^2 2s^2 2p^6 3s^2 3p^6 3d^{10} 4s^2 4p^6 4d^{10} 5s^2 5p^3$
TELLURIUM	<i>Te</i>	<b>52</b>	$1s^2 2s^2 2p^6 3s^2 3p^6 3d^{10} 4s^2 4p^6 4d^{10} 5s^2 5p^4$
IODINE	<i>I</i>	<b>53</b>	$1s^2 2s^2 2p^6 3s^2 3p^6 3d^{10} 4s^2 4p^6 4d^{10} 5s^2 5p^5$
XENON	<i>Xe</i>	<b>54</b>	$1s^2 2s^2 2p^6 3s^2 3p^6 3d^{10} 4s^2 4p^6 4d^{10} 5s^2 5p^6$
CESIUM	<i>Cs</i>	<b>55</b>	$1s^2 2s^2 2p^6 3s^2 3p^6 3d^{10} 4s^2 4p^6 4d^{10} 5s^2 5p^6 6s^1$
BARIUM	<i>Ba</i>	<b>56</b>	$1s^2 2s^2 2p^6 3s^2 3p^6 3d^{10} 4s^2 4p^6 4d^{10} 5s^2 5p^6 6s^2$
LANTHANUM	<i>La</i>	<b>57</b>	$1s^2 2s^2 2p^6 3s^2 3p^6 3d^{10} 4s^2 4p^6 4d^{10} 5s^2 5p^6 5d^1 6s^2$
CERIUM	<i>Ce</i>	<b>58</b>	$1s^2 2s^2 2p^6 3s^2 3p^6 3d^{10} 4s^2 4p^6 4d^{10} 5s^2 5p^6 4f^1 5d^1 6s^2$
PRASEODYMIUM	<i>Pr</i>	<b>59</b>	$1s^2 2s^2 2p^6 3s^2 3p^6 3d^{10} 4s^2 4p^6 4d^{10} 5s^2 5p^6 4f^3 6s^2$
NEODYMIUM	<i>Nd</i>	<b>60</b>	$1s^2 2s^2 2p^6 3s^2 3p^6 3d^{10} 4s^2 4p^6 4d^{10} 5s^2 5p^6 4f^4 6s^2$
PROMETHIUM	<i>Pm</i>	<b>61</b>	$1s^2 2s^2 2p^6 3s^2 3p^6 3d^{10} 4s^2 4p^6 4d^{10} 5s^2 5p^6 4f^5 6s^2$
SAMARIUM	<i>Sm</i>	<b>62</b>	$1s^2 2s^2 2p^6 3s^2 3p^6 3d^{10} 4s^2 4p^6 4d^{10} 5s^2 5p^6 4f^6 6s^2$
EUROPIUM	<i>Eu</i>	<b>63</b>	$1s^2 2s^2 2p^6 3s^2 3p^6 3d^{10} 4s^2 4p^6 4d^{10} 5s^2 5p^6 4f^7 6s^2$
GADOLINIUM	<i>Gd</i>	<b>64</b>	$1s^2 2s^2 2p^6 3s^2 3p^6 3d^{10} 4s^2 4p^6 4d^{10} 5s^2 5p^6 4f^7 5d^1 6s^2$
TERBIUM	<i>Tb</i>	<b>65</b>	$1s^2 2s^2 2p^6 3s^2 3p^6 3d^{10} 4s^2 4p^6 4d^{10} 5s^2 5p^6 4f^9 6s^2$
DYSPROSIUM	<i>Dy</i>	<b>66</b>	$1s^2 2s^2 2p^6 3s^2 3p^6 3d^{10} 4s^2 4p^6 4d^{10} 5s^2 5p^6 4f^{10} 6s^2$

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HOLMIUM	<i>Ho</i>	<b>67</b>	$1s^2 2s^2 2p^6 3s^2 3p^6 3d^{10} 4s^2 4p^6 4d^{10} 5s^2 5p^6 4f^{11} 6s^2$
ERBIUM	<i>Er</i>	<b>68</b>	$1s^2 2s^2 2p^6 3s^2 3p^6 3d^{10} 4s^2 4p^6 4d^{10} 5s^2 5p^6 4f^{12} 6s^2$
THULIUM	<i>Tm</i>	<b>69</b>	$1s^2 2s^2 2p^6 3s^2 3p^6 3d^{10} 4s^2 4p^6 4d^{10} 5s^2 5p^6 4f^{13} 6s^2$
YTTERBIUM	<i>Yb</i>	<b>70</b>	$1s^2 2s^2 2p^6 3s^2 3p^6 3d^{10} 4s^2 4p^6 4d^{10} 5s^2 5p^6 4f^{14} 6s^2$
LUTETIUM	<i>Lu</i>	<b>71</b>	$1s^2 2s^2 2p^6 3s^2 3p^6 3d^{10} 4s^2 4p^6 4d^{10} 5s^2 5p^6 4f^{14} 5d^1 6s^2$
HAFNIUM	<i>Hf</i>	<b>72</b>	$1s^2 2s^2 2p^6 3s^2 3p^6 3d^{10} 4s^2 4p^6 4d^{10} 5s^2 5p^6 4f^{14} 5d^2 6s^2$
TANTALUM	<i>Ta</i>	<b>73</b>	$1s^2 2s^2 2p^6 3s^2 3p^6 3d^{10} 4s^2 4p^6 4d^{10} 5s^2 5p^6 4f^{14} 5d^3 6s^2$
TUNGSTEN	<i>W</i>	<b>74</b>	$1s^2 2s^2 2p^6 3s^2 3p^6 3d^{10} 4s^2 4p^6 4d^{10} 5s^2 5p^6 4f^{14} 5d^4 6s^2$
RHENIUM	<i>Re</i>	<b>75</b>	$1s^2 2s^2 2p^6 3s^2 3p^6 3d^{10} 4s^2 4p^6 4d^{10} 5s^2 5p^6 4f^{14} 5d^5 6s^2$
OSMIUM	<i>Os</i>	<b>76</b>	$1s^2 2s^2 2p^6 3s^2 3p^6 3d^{10} 4s^2 4p^6 4d^{10} 5s^2 5p^6 4f^{14} 5d^6 6s^2$
IRIDIUM	<i>Ir</i>	<b>77</b>	$1s^2 2s^2 2p^6 3s^2 3p^6 3d^{10} 4s^2 4p^6 4d^{10} 5s^2 5p^6 4f^{14} 5d^7 6s^2$
PLATINUM	<i>Pt</i>	<b>78</b>	$1s^2 2s^2 2p^6 3s^2 3p^6 3d^{10} 4s^2 4p^6 4d^{10} 5s^2 5p^6 4f^{14} 5d^9 6s^1$
GOLD	<i>Au</i>	<b>79</b>	$1s^2 2s^2 2p^6 3s^2 3p^6 3d^{10} 4s^2 4p^6 4d^{10} 5s^2 5p^6 4f^{14} 5d^{10} 6s^1$
MERCURY	<i>Hg</i>	<b>80</b>	$1s^2 2s^2 2p^6 3s^2 3p^6 3d^{10} 4s^2 4p^6 4d^{10} 5s^2 5p^6 4f^{14} 5d^{10} 6s^2$
THALLIUM	<i>Tl</i>	<b>81</b>	$1s^2 2s^2 2p^6 3s^2 3p^6 3d^{10} 4s^2 4p^6 4d^{10} 5s^2 5p^6 4f^{14} 5d^{10} 6s^2 6p^1$
LEAD	<i>Pb</i>	<b>82</b>	$1s^2 2s^2 2p^6 3s^2 3p^6 3d^{10} 4s^2 4p^6 4d^{10} 5s^2 5p^6 4f^{14} 5d^{10} 6s^2 6p^2$
BISMUTH	<i>Bi</i>	<b>83</b>	$1s^2 2s^2 2p^6 3s^2 3p^6 3d^{10} 4s^2 4p^6 4d^{10} 5s^2 5p^6 4f^{14} 5d^{10} 6s^2 6p^3$
POLONIUM	<i>Po</i>	<b>84</b>	$1s^2 2s^2 2p^6 3s^2 3p^6 3d^{10} 4s^2 4p^6 4d^{10} 5s^2 5p^6 4f^{14} 5d^{10} 6s^2 6p^4$
ASTATINE	<i>At</i>	<b>85</b>	$1s^2 2s^2 2p^6 3s^2 3p^6 3d^{10} 4s^2 4p^6 4d^{10} 5s^2 5p^6 4f^{14} 5d^{10} 6s^2 6p^5$
RADON	<i>Rn</i>	<b>86</b>	$1s^2 2s^2 2p^6 3s^2 3p^6 3d^{10} 4s^2 4p^6 4d^{10} 5s^2 5p^6 4f^{14} 5d^{10} 6s^2 6p^6$
FRANCIUM	<i>Fr</i>	<b>87</b>	$1s^2 2s^2 2p^6 3s^2 3p^6 3d^{10} 4s^2 4p^6 4d^{10} 5s^2 5p^6 4f^{14} 5d^{10} 6s^2 6p^6 7s^1$
RADIUM	<i>Ra</i>	<b>88</b>	$1s^2 2s^2 2p^6 3s^2 3p^6 3d^{10} 4s^2 4p^6 4d^{10} 5s^2 5p^6 4f^{14} 5d^{10} 6s^2 6p^6 7s^2$

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# ELECTRON CONFIGURATIONS OF ELEMENTS-ANSWER

<i>ELEMENTS NAME</i>	<i>SYMBOL</i>	<i>ATOMIC NUMBER</i>	<i>ELECTRON CONFIGURATION</i>
ACTINIUM	<i>Ac</i>	<b>89</b>	$1s^2 2s^2 2p^6 3s^2 3p^6 3d^{10} 4s^2 4p^6 4d^{10} 5s^2 5p^6 4f^{14} 5d^{10} 6s^2 6p^6 6d^1 7s^2$
THORIUM	<i>Th</i>	<b>90</b>	$1s^2 2s^2 2p^6 3s^2 3p^6 3d^{10} 4s^2 4p^6 4d^{10} 5s^2 5p^6 4f^{14} 5d^{10} 6s^2 6p^6 6d^2 7s^2$
PROTACTINIUM	<i>Pa</i>	<b>91</b>	$1s^2 2s^2 2p^6 3s^2 3p^6 3d^{10} 4s^2 4p^6 4d^{10} 5s^2 5p^6 4f^{14} 5d^{10} 6s^2 6p^6 5f^2 6d^1 7s^2$
URANIUM	<i>U</i>	<b>92</b>	$1s^2 2s^2 2p^6 3s^2 3p^6 3d^{10} 4s^2 4p^6 4d^{10} 5s^2 5p^6 4f^{14} 5d^{10} 6s^2 6p^6 5f^3 6d^1 7s^2$
NEPTUNIUM	<i>Np</i>	<b>93</b>	$1s^2 2s^2 2p^6 3s^2 3p^6 3d^{10} 4s^2 4p^6 4d^{10} 5s^2 5p^6 4f^{14} 5d^{10} 6s^2 6p^6 5f^4 6d^1 7s^2$
PLUTONIUM	<i>Pu</i>	<b>94</b>	$1s^2 2s^2 2p^6 3s^2 3p^6 3d^{10} 4s^2 4p^6 4d^{10} 5s^2 5p^6 4f^{14} 5d^{10} 6s^2 6p^6 5f^6 7s^2$
AMERICIUM	<i>Am</i>	<b>95</b>	$1s^2 2s^2 2p^6 3s^2 3p^6 3d^{10} 4s^2 4p^6 4d^{10} 5s^2 5p^6 4f^{14} 5d^{10} 6s^2 6p^6 5f^7 7s^2$
CURIUM	<i>Cm</i>	<b>96</b>	$1s^2 2s^2 2p^6 3s^2 3p^6 3d^{10} 4s^2 4p^6 4d^{10} 5s^2 5p^6 4f^{14} 5d^{10} 6s^2 6p^6 5f^7 6d^1 7s^2$
BERKELIUM	<i>Bk</i>	<b>97</b>	$1s^2 2s^2 2p^6 3s^2 3p^6 3d^{10} 4s^2 4p^6 4d^{10} 5s^2 5p^6 4f^{14} 5d^{10} 6s^2 6p^6 5f^9 7s^2$
CALIFORNIUM	<i>Cf</i>	<b>98</b>	$1s^2 2s^2 2p^6 3s^2 3p^6 3d^{10} 4s^2 4p^6 4d^{10} 5s^2 5p^6 4f^{14} 5d^{10} 6s^2 6p^6 5f^{10} 7s^2$
EINSTEINIUM	<i>Es</i>	<b>99</b>	$1s^2 2s^2 2p^6 3s^2 3p^6 3d^{10} 4s^2 4p^6 4d^{10} 5s^2 5p^6 4f^{14} 5d^{10} 6s^2 6p^6 5f^{11} 7s^2$
FERMIUM	<i>Fm</i>	<b>100</b>	$1s^2 2s^2 2p^6 3s^2 3p^6 3d^{10} 4s^2 4p^6 4d^{10} 5s^2 5p^6 4f^{14} 5d^{10} 6s^2 6p^6 5f^{12} 7s^2$
MENDELEVIUM	<i>Md</i>	<b>101</b>	$1s^2 2s^2 2p^6 3s^2 3p^6 3d^{10} 4s^2 4p^6 4d^{10} 5s^2 5p^6 4f^{14} 5d^{10} 6s^2 6p^6 5f^{13} 7s^2$
NOBELIUM	<i>No</i>	<b>102</b>	$1s^2 2s^2 2p^6 3s^2 3p^6 3d^{10} 4s^2 4p^6 4d^{10} 5s^2 5p^6 4f^{14} 5d^{10} 6s^2 6p^6 5f^{14} 7s^2$
LAWRENCIUM	<i>Lr</i>	<b>103</b>	$1s^2 2s^2 2p^6 3s^2 3p^6 3d^{10} 4s^2 4p^6 4d^{10} 5s^2 5p^6 4f^{14} 5d^{10} 6s^2 6p^6 5f^{14} 7s^2 7p^1$
RUTHERFORDIUM	<i>Rf</i>	<b>104</b>	$1s^2 2s^2 2p^6 3s^2 3p^6 3d^{10} 4s^2 4p^6 4d^{10} 5s^2 5p^6 4f^{14} 5d^{10} 6s^2 6p^6 5f^{14} 6d^2 7s^2$
DUBNIUM	<i>Db</i>	<b>105</b>	$1s^2 2s^2 2p^6 3s^2 3p^6 3d^{10} 4s^2 4p^6 4d^{10} 5s^2 5p^6 4f^{14} 5d^{10} 6s^2 6p^6 5f^{14} 6d^3 7s^2$
SEABORGIUM	<i>Sg</i>	<b>106</b>	$1s^2 2s^2 2p^6 3s^2 3p^6 3d^{10} 4s^2 4p^6 4d^{10} 5s^2 5p^6 4f^{14} 5d^{10} 6s^2 6p^6 5f^{14} 6d^4 7s^2$
BOHRIUM	<i>Bh</i>	<b>107</b>	$1s^2 2s^2 2p^6 3s^2 3p^6 3d^{10} 4s^2 4p^6 4d^{10} 5s^2 5p^6 4f^{14} 5d^{10} 6s^2 6p^6 5f^{14} 6d^5 7s^2$
HASSIUM	<i>Hs</i>	<b>108</b>	$1s^2 2s^2 2p^6 3s^2 3p^6 3d^{10} 4s^2 4p^6 4d^{10} 5s^2 5p^6 4f^{14} 5d^{10} 6s^2 6p^6 5f^{14} 6d^6 7s^2$
MEITNERIUM	<i>Mt</i>	<b>109</b>	$1s^2 2s^2 2p^6 3s^2 3p^6 3d^{10} 4s^2 4p^6 4d^{10} 5s^2 5p^6 4f^{14} 5d^{10} 6s^2 6p^6 5f^{14} 6d^7 7s^2$
DARMSTADIUM	<i>Ds</i>	<b>110</b>	$1s^2 2s^2 2p^6 3s^2 3p^6 3d^{10} 4s^2 4p^6 4d^{10} 5s^2 5p^6 4f^{14} 5d^{10} 6s^2 6p^6 5f^{14} 6d^9 7s^1$

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ROENTGENIUM	<i>Rg</i>	<b>111</b>	$1s^2 2s^2 2p^6 3s^2 3p^6 3d^{10} 4s^2 4p^6 4d^{10} 5s^2 5p^6 4f^{14} 5d^{10} 6s^2 6p^6 5f^{14} 6d^{10} 7s^1$
COPERNIUM	<i>Cn</i>	<b>112</b>	$1s^2 2s^2 2p^6 3s^2 3p^6 3d^{10} 4s^2 4p^6 4d^{10} 5s^2 5p^6 4f^{14} 5d^{10} 6s^2 6p^6 5f^{14} 6d^{10} 7s^2$
NIHONIUM	<i>Nh</i>	<b>113</b>	$1s^2 2s^2 2p^6 3s^2 3p^6 3d^{10} 4s^2 4p^6 4d^{10} 5s^2 5p^6 4f^{14} 5d^{10} 6s^2 6p^6 5f^{14} 6d^{10} 7s^2 7p^1$
FLEROVIUM	<i>Fl</i>	<b>114</b>	$1s^2 2s^2 2p^6 3s^2 3p^6 3d^{10} 4s^2 4p^6 4d^{10} 5s^2 5p^6 4f^{14} 5d^{10} 6s^2 6p^6 5f^{14} 6d^{10} 7s^2 7p^2$
MOSCOVIUM	<i>Mc</i>	<b>115</b>	$1s^2 2s^2 2p^6 3s^2 3p^6 3d^{10} 4s^2 4p^6 4d^{10} 5s^2 5p^6 4f^{14} 5d^{10} 6s^2 6p^6 5f^{14} 6d^{10} 7s^2 7p^3$
LIVERMORIUM	<i>Lv</i>	<b>116</b>	$1s^2 2s^2 2p^6 3s^2 3p^6 3d^{10} 4s^2 4p^6 4d^{10} 5s^2 5p^6 4f^{14} 5d^{10} 6s^2 6p^6 5f^{14} 6d^{10} 7s^2 7p^4$
TENNESSINE	<i>Ts</i>	<b>117</b>	$1s^2 2s^2 2p^6 3s^2 3p^6 3d^{10} 4s^2 4p^6 4d^{10} 5s^2 5p^6 4f^{14} 5d^{10} 6s^2 6p^6 5f^{14} 6d^{10} 7s^2 7p^5$
OGANESSON	<i>OG</i>	<b>118</b>	$1s^2 2s^2 2p^6 3s^2 3p^6 3d^{10} 4s^2 4p^6 4d^{10} 5s^2 5p^6 4f^{14} 5d^{10} 6s^2 6p^6 5f^{14} 6d^{10} 7s^2 7p^6$

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