

ELECTRON CONFIGURATION

ATOMIC NUMBER	SYMBOL	ORBITAL DIAGRAM	ELECTRON CONFIGURATION	CORE NOTATION
15	P	$\begin{array}{cccccc} \uparrow\downarrow & \uparrow\downarrow & \uparrow\downarrow & \uparrow\downarrow & \uparrow\downarrow & \uparrow & \uparrow & \uparrow \\ 1s & 2s & 2p & 3s & 3p & & & \end{array}$	$1s^2 2s^2 2p^6 3s^2 3p^3$	[Ne] $3s^2 3p^3$
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ATOMIC NUMBER	SYMBOL	ORBITAL DIAGRAM	CORE NOTATION
31	Ga	$\uparrow\downarrow$ $\uparrow\downarrow$ $\uparrow\downarrow$ $\uparrow\downarrow$ $\uparrow\downarrow$ $\uparrow\downarrow$ $\uparrow\downarrow$ $\uparrow\downarrow$ $\uparrow\downarrow$ $\uparrow\downarrow$ $\uparrow\downarrow$ $\uparrow\downarrow$ $\uparrow\downarrow$ $\uparrow\downarrow$ $\uparrow\downarrow$ $\uparrow\downarrow$ $\uparrow\downarrow$ \uparrow $\underline{\quad}$ $\underline{\quad}$ 1s 2s 2p 3s 3p 4s 3d 4p	[Ar] 4s ² 3d ¹⁰ 4p ¹
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