

Classification of Elements

Based on the electronic configurations below, determine the period, block and group.

Electronic Configuration	Period	Block	Group
$1s^2 2s^2 2p^6 3s^2 3p^6 4s^2 3d^8$			
$1s^2 2s^2 2p^6 3s^1$			
$1s^2 2s^2 2p^6 3s^2 3p^6 4s^2 3d^{10}$			
$1s^2 2s^2 2p^6 3s^2 3p^4$			
$1s^2 2s^2 2p^5$			
$1s^2$			
$1s^2 2s^2 2p^6 3s^2 3p^6 4s^1$			
$1s^2 2s^2 2p^6 3s^2 3p^6 4s^2 3d^7$			
$1s^2 2s^2 2p^6 3s^2 3p^1$			
$1s^2 2s^2 2p^6 3s^2$			
$1s^2 2s^2 2p^3$			
$1s^2 2s^2$			
$1s^2 2s^2 2p^6 3s^2 3p^6 4s^2 3d^1$			
$1s^2 2s^2 2p^6 3s^2 3p^2$			
$1s^2 2s^2 2p^6 3s^2 3p^6 4s^1 3d^5$			