Electron Configuration Practice Worksheet

In the space below, write the unabbreviated electron configurations of the following elements:

1)	sodium	
2)	iron	
3)	bromine	
4)	barium	· · · · · · · · · · · · · · · · · · ·
5)	neptunium	
In the	e space below, write the abbreviated electron configurations of ents:	the following
6)	cobalt	
7)	silver	
8)	tellurium	
9)	radium	
10)	lawrencium	
Deter	rmine what elements are denoted by the following electron con-	figurations:
Deter	rmine what elements are denoted by the following electron con-	figurations:
	·	figurations:
11)	1s ² 2s ² 2p ⁶ 3s ² 3p ⁴	figurations:
11) 12)	1s ² 2s ² 2p ⁶ 3s ² 3p ⁴ 1s ² 2s ² 2p ⁶ 3s ² 3p ⁶ 4s ² 3d ¹⁰ 4p ⁶ 5s ¹ [Kr] 5s ² 4d ¹⁰ 5p ³	figurations:
11) 12) 13)	1s ² 2s ² 2p ⁶ 3s ² 3p ⁴ 1s ² 2s ² 2p ⁶ 3s ² 3p ⁶ 4s ² 3d ¹⁰ 4p ⁶ 5s ¹	figurations:
11) 12) 13) 14) 15)	$1s^{2}2s^{2}2p^{6}3s^{2}3p^{4}$	
11) 12) 13) 14) 15)	$1s^{2}2s^{2}2p^{6}3s^{2}3p^{4}$	
11) 12) 13) 14) 15) Deter 16)	$1s^22s^22p^63s^23p^4$	
11) 12) 13) 14) 15) Deter 16) 17)	$1s^{2}2s^{2}2p^{6}3s^{2}3p^{4} = $	
11) 12) 13) 14) 15) Deter 16) 17) 18)	$1s^{2}2s^{2}2p^{6}3s^{2}3p^{4} = $	