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 space below, write the abbreviated electron configurations of the following elements:		ing
6)	cobalt	
7)	silver	
8)	tellurium	
9)	radium	
10)	lawrencium	
Deter	nine what elements are denoted by the following electron configurations	s:
Deter	, , , , , , , , , , , , , , , , , , ,	s :
	nine what elements are denoted by the following electron configurations $1s^22s^22p^63s^23p^4 \underline{\hspace{1cm}}$ $1s^22s^22p^63s^23p^64s^23d^{10}4p^65s^1 \underline{\hspace{1cm}}$	s:
11)	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	s:
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	s :
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	s :
11) 12) 13) 14) 15)	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 [Xe] 6s ² 4f ¹⁴ 5d ⁶	5 :
11) 12) 13) 14) 15)	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 [Xe] 6s ² 4f ¹⁴ 5d ⁶ [Rn] 7s ² 5f ¹¹	: :
11) 12) 13) 14) 15)	1s ² 2s ² 2p ⁶ 3s ² 3p ⁴	: :
11) 12) 13) 14) 15) Deter 16)	1s ² 2s ² 2p ⁶ 3s ² 3p ⁴	3:
11) 12) 13) 14) 15) Deter 16) 17)	1s ² 2s ² 2p ⁶ 3s ² 3p ⁴	3:

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