

Periodic Table Organization Review

Draw a Bohr model of an atom of the elements located on the following positions of the Periodic Table. Your model should include electrons on appropriate levels. You don't have to include a nucleus or nuclear particles.

1. Period 2 Group 18
2. Period 3 Group 1
3. Period 4 Group 2
4. Period 1 Group 18
5. Period 2 Group 1
6. Period 1 Group 1
7. Period 2 Group 2
8. Period 3 Group 2

Compare the atomic radii of the elements located at the following positions on the Periodic Table by identifying the element possessing the larger radius in each pair:

9. Period 2 Group 18 or Period 2 Group 2
10. Period 5 Group 3 or Period 5 Group 14
11. Period 2 Group 18 or Period 4 Group 18
12. Period 1 Group 18 or Period 7 Group 18
13. Period 1 Group 1 or Period 7 Group 1
14. Period 4 Group 3 or Period 3 Group 14
15. Period 6 Group 13 or Period 7 Group 12

Compare the reactivity of the elements located at the following positions on the Periodic Table by identifying the element possessing the greater reactivity in each pair:

16. Period 7 Group 1 or Period 2 Group 18
17. Period 6 Group 18 or Period 7 Group 16
18. Period 2 Group 18 or Period 2 Group 2
19. Period 5 Group 1 or Period 5 Group 11
20. Period 2 Group 18 or Period 4 Group 3
21. Period 6 Group 2 or Period 7 Group 18

List and BRIEFLY define the characteristics of Metals:

- 22.
- 23.
- 24.
- 25