

Names _____ date _____ hour _____

Bohr atomic modeling activity

Choose one person to work with. Have one person draw Bohr models for atoms 1-10 while the 2nd person draws Bohr models for atoms 11-20. Help each other along the way. When all 20 models have been drawn, switch papers and grade each other's work. Work together to correct any mistakes. When you think you and your partner have successfully drawn all 20 Bohr models, bring your paper to me. If you worked well together, you should both get an "A" on this assignment, right?

Rules for energy levels and orbitals:

Energy level/orbital	Number of electrons possible
1.	2
2.	8
3.	18 (only fill to 8)
4.	32

Person # 1

Atom	Bohr Model	Atom	Bohr Model
1. H		6. Ar	
2. O		7. Na	
3. N		8. Al	
4. Ca		9. Li	
5. S		10. B	

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Bohr atomic modeling activity (pg. 2)

Person #2

Atom	Bohr Model	Atom	Bohr Model
11. Mg		16. Cl	
12. F		17. C	
13. Be		18. He	
14. Si		19. K	
15. P		20. Ne	