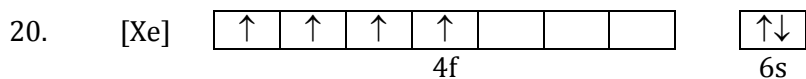
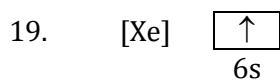
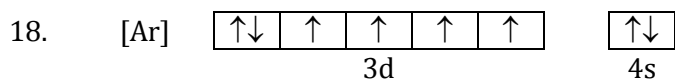
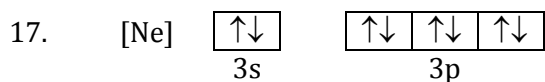
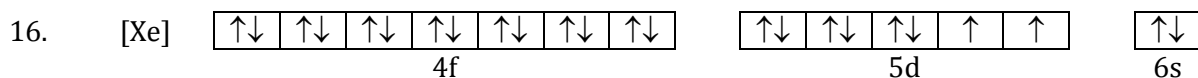
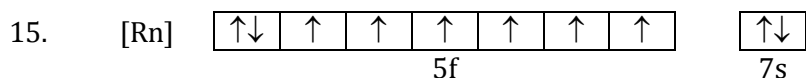
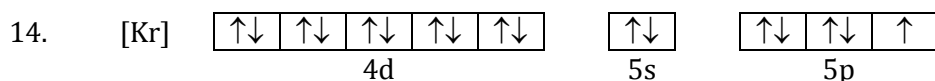
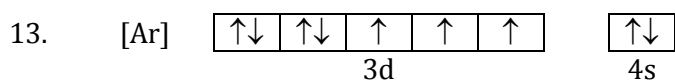
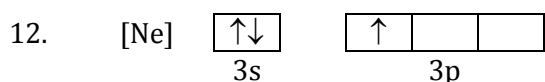
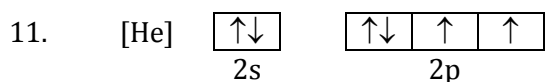


Answers

If you cannot figure out how to get the correct answer, go to your instructor, the Science Tutoring Center, SI, etc.

1. [Ne] 3s² 3p² 5. [Ar] 3d¹⁰ 4s² 4p⁶ 9. [Xe] 4f¹⁴ 5d¹⁰ 6s² 6p²
2. [Ar] 4s² 6. [Rn] 5f⁴ 7s² 10. [Rn] 5f¹⁴ 6d² 7s²
3. [Kr] 4d² 5s² 7. [Xe] 4f¹⁴ 5d⁶ 6s²
4. [Kr] 4d¹⁰ 5s² 5p² 8. [Xe] 4f⁹ 6s²



21. phosphorus, P 26. boron, B 31. [Ar] 3d¹⁰ 4s² 4p⁶ 36. [Xe] 4f¹⁴ 5d¹⁰ 6s²
22. technetium, Tc 27. calcium, Ca 32. [Ar] 3d¹⁰ 4s² 4p⁶ 37. [He] 2s² 2p⁶
23. gadolinium, Gd 28. antimony, Sb 33. [He] 2s² 2p⁶ 38. [Kr] 4d³
24. polonium, Po 29. europium, Eu 34. [Ar] 3d⁵ 39. [Xe] 4f¹⁴ 5d⁸
25. strontium, Sr 30. meitnerium, Mt 35. [Ne] 3s² 3p⁶ 40. [Ar] 3d¹⁰