**Topic 3 Exercise 3**

1. linear, 180o 2. trigonal planar, 120o 3. tetrahedral, 109o

4. trigonal pyramidal, 107o 5. bent, 104o 6. bent, 118o

7. linear, 180o 8. bent, 118o 9. trigonal planar, 120o

10. octahedral, 90o 11. square planar, 90o

12. trigonal bipyramidal, 120o/90o 13. tetrahedral, 109o

14. octahedral, 90o 15. tetrahedral, 109o 16. trigonal planar, 120o

17. bent, 118o 18. tetrahedral, 109o 19. trigonal pyramidal, 107o

20. trigonal planar, 120o 21. trigonal pyramidal, 107o