

Lewis Dot Structure Problem Set

Draw Lewis Dot Structures of the following molecules. Once you have completed the diagrams with dots, replace the dots with lines to represent bonds. (Remember each pair of electrons between the symbols form a bond.) The charges indicate that either one electron has been added to the molecule or one electron has been removed.



6. NH_3

7. NH_4^+

8. OH^-

9. CH_3Cl

10. $\text{CH}_3\text{CH}_2\text{OH}$ (The carbons are joined by a single bond.)

11. S_5 (This one is a challenge.)