

VSEPR Worksheet

For each of the following,

- Draw the structural formula
- Build the molecule with the kits.
- Figure out what molecular shape at each center.
- On your structural formula, number each “center” and write down the name of the shape at that center.

1. CH_4
2. H_2O
3. N_2
4. NH_3
5. HOCH_2CH_3
6. CH_3Br
7. CH_3COCH_3
8. CH_2CHCH_3
9. $\text{CH}_3\text{CH}_2\text{CH}_2\text{COOH}$
10. CH_2CCHOH