4.4 VSEPR (S) Notes

Warning: Lewis Structures do NOT \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

VSEPR stands for:

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_

What does this *mean*?

Name:

Lewis Structure:

VSEPR Sketch

You are expected to memorize/know 5 shapes:

Tips:

Name:

Lewis Structure:

VSEPR Sketch:

Name:

Lewis Structure:

VSEPR Sketch

Name:

Lewis Structure:

VSEPR Sketch:

Name:

Lewis Structure:

VSEPR Sketch:

|  |  |  |  |
| --- | --- | --- | --- |
| Formula | Lewis Structure | VSEPR Shape Name | VSEPR Shape Sketch |
| NH3 |  |  |  |
| CO2 |  |  |  |
| H2O |  |  |  |
| SO2 |  |  |  |
| CH4 |  |  |  |
| C2H2 |  |  |  |
| CH2Cl2 |  |  |  |
| COH2 |  |  |  |