**Skill 19.01 Problem 1**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Draw Lewis structures for the following atoms: | | | | |
| (a) Ar | (b) Cl | (c) S | (d) P | (e) Si |

**Skill 19.04 Problem 1**

|  |  |
| --- | --- |
| Write the Lewis structures for the following molecules | |
| Cl2 | Br2 |
| O2 | N2 |
| CCl4 | SiF4 |
| OF2 | H2O |
| CF2H2 | CCl2H2 |
| PF3 | NI3 |
| COCl2 | CO2 |

**Skill 19.04 Problem 2**

|  |  |
| --- | --- |
| Write the Lewis structures for the following ions | |
| SO42- | PO43- |
| PO43- | CN- |