Complete the following chart using the reading. Some of the squares have been completed to help you.

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Type of bond** | **What creates the bond** | **Electronegativity of elements involved** | **Strength of bond** | **Melting/boiling point** | **Conductivity** | **Type of unit they form** | **State at room temperature** | **Effects of stress or deformation** |
|  |  | Similar elect. Which are low in value |  |  |  |  |  | Ductile or Malleable |
|  | Transfer of electrons/formation of ions |  |  |  |  | crystal |  |  |
|  |  |  |  |  | None |  |  |  |