

Polarity of molecules

Pre-lesson assignment- textbook page 74-76

Define the following terms

- Electronegativity
- Polar

Make notes on Polarity of molecules

Use the following questions as guidance

1. Explain the pattern of electronegativity in the periodic table using your knowledge of atomic structure.
2. Explain how it is decided whether to call a bond ionic or covalent.
3. Explain how covalent bonds can be non-polar or polar.
4. Explain why a water molecule is polar but a carbon dioxide molecule is not.