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| **IMFs** |
| Intermolecular force |
| coulombic/electrostatic attraction |
| Often weaker than the other one |
| Ion-dipole, dipole-dipole, dipole-induced dipole, induced dipole-induced dipole |
| Hydrogen bonds |
| Energy is released when formed |
| Energy is required when broken |
| Between neighboring molecules |
| Van der Waals, London forces |

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| **Bonds** |
| Intramolecular force |
| coulombic/electrostatic attraction |
| Often stronger than the other one |
| Ionic, covalent, metallic |
| Energy is released when formed |
| Energy is required when broken |
| Within a molecule or formula unit |
| Strength determines b.p., m.p. for ionic only |