Water and chemical elements

1. Why is water called a polar molecule?
2. Draw a diagram to show hydrogen bonding between water molecules.
3. State the four most frequently occurring elements in organisms.
4. Give two reasons why the solvent properties of water are of value to organisms.
5. Explain why water can act as a coolant.
6. State one role in organisms for:

Calcium

Iron

Sodium

Phosphorus

Sulfur