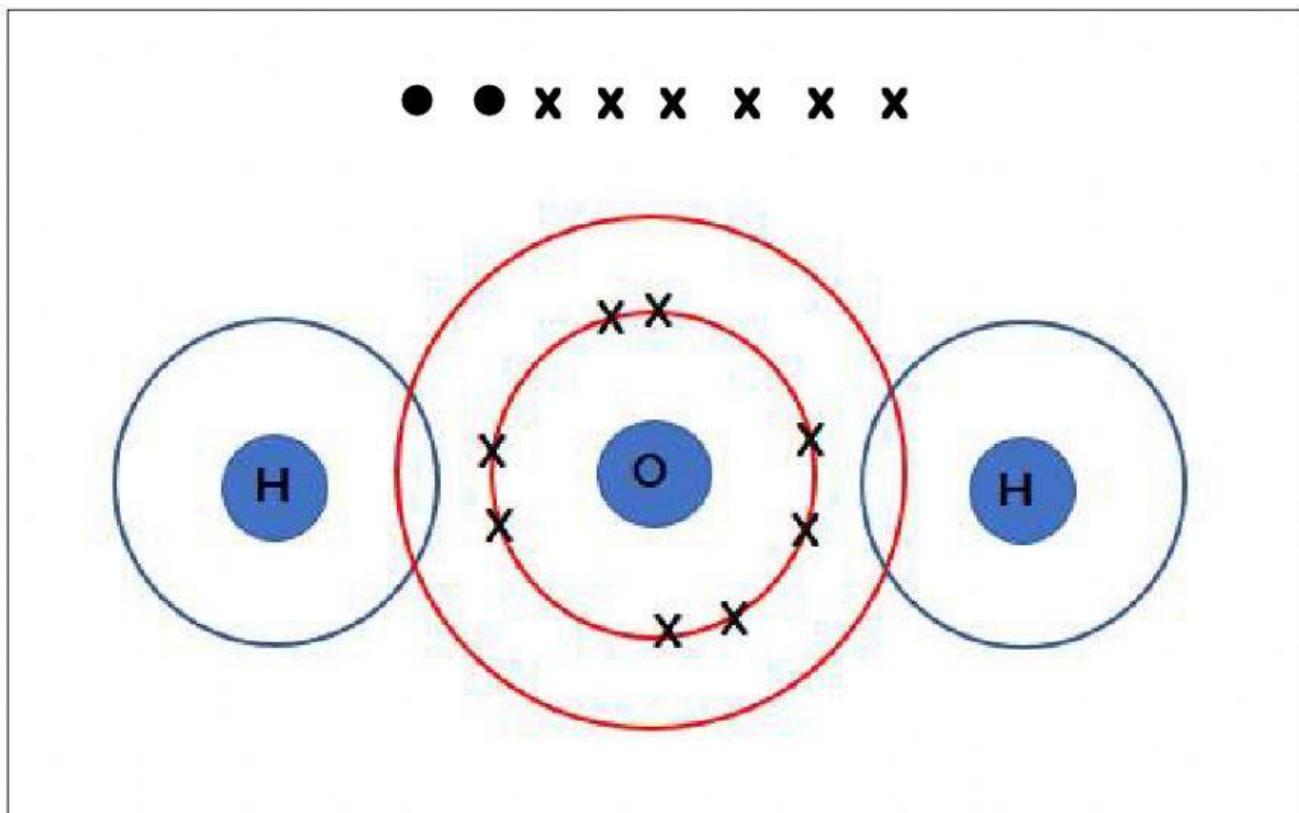


EXERCISE

Q1. Formation of water

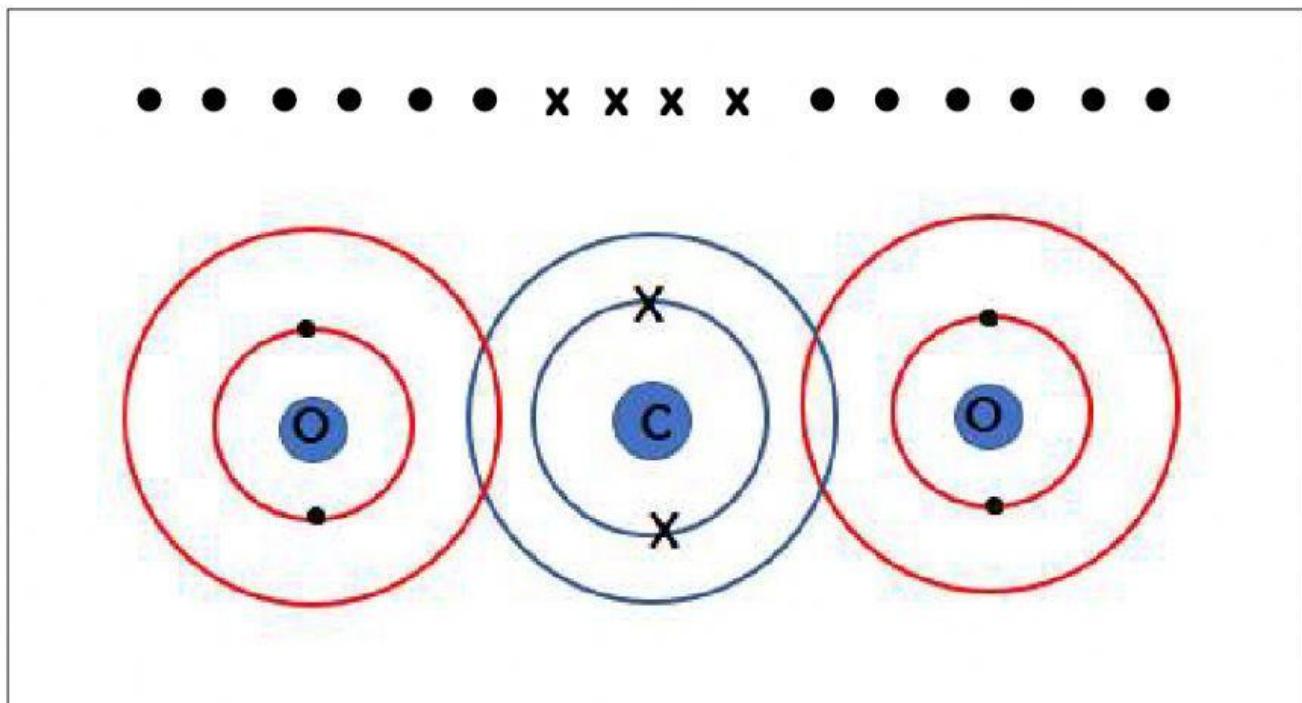
Drag the electrons into each atoms



- Number of electron of H is 1 and oxygen is 8
- Electron arrangement of H is
- Electron arrangement of O is
- Hydrogen need electron and oxygen needed electron to achieve stable electron arrangement
- Each hydrogen atom shared pair of electron
- Oxygen and hydrogen form covalent bond

Q2. Formation of carbon dioxide

Drag the electrons into each atoms



- Number of electron of C is 6 and oxygen is 8
- Electron arrangement of C is
- Electron arrangement of O is
- Carbon need electrons and oxygen needed electrons to achieve stable electron arrangement
- Each carbon and oxygen atom shared pair of electron
- Oxygen and carbon form covalent bond
- Formula :

Q2. Formation of nitrogen trifluoride

- Number of electron of nitrogen is 7 and flourine is 9
- Electron arrangement of NB is
- Electron arrangement of F is
- nitrogen needs electrons and flourine needs electrons to achieve stable electron arrangement
- Each nitrogen and flourine atom shared pair of electron
- nitrogen and flourine form covalent bond
- Formula :

Label the atom involve and drag the electrons into each atoms.

• • • • • X X X X X X X X

X X X X X X X X

X X X X X X X X

