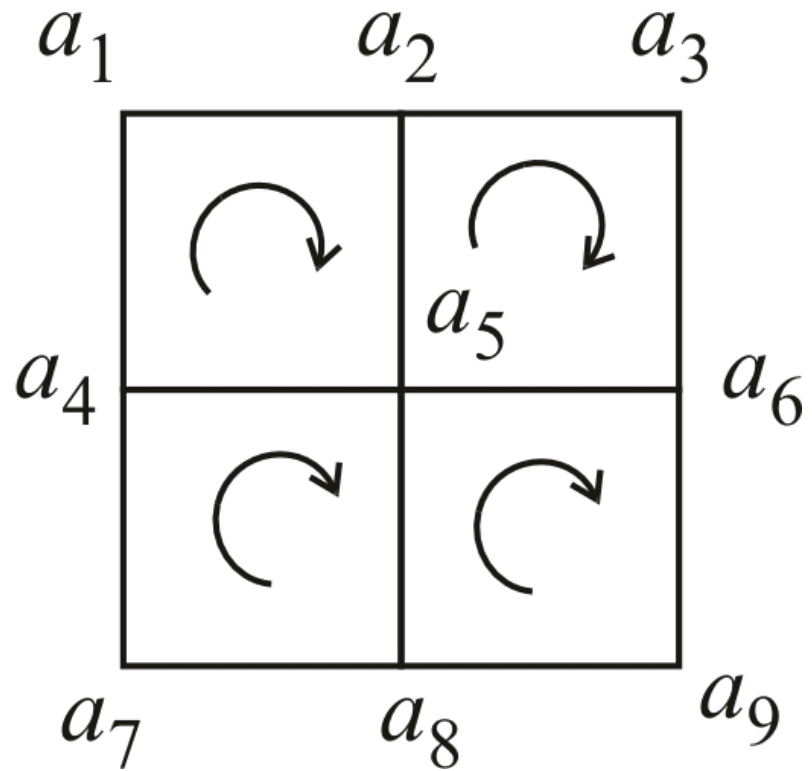


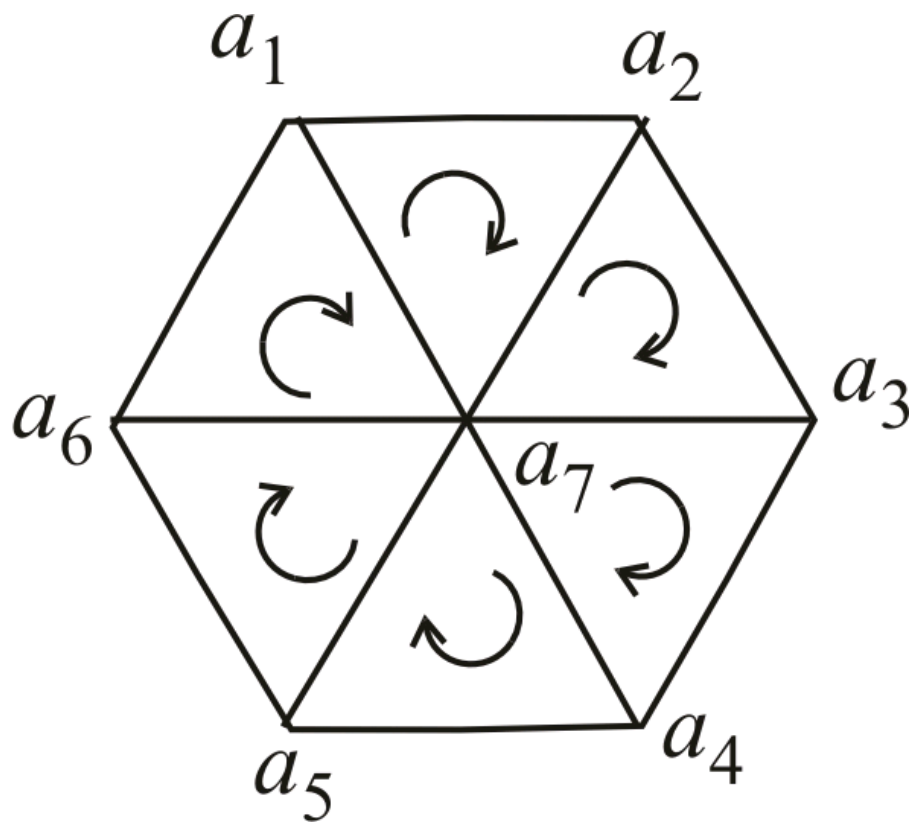
### Step-1



$$9\text{nodes} - 12\text{edges} + 4\text{loops} = 1$$

Therefore Euler's formula is verified.

### Step-2



$$7\text{nodes} - 12\text{edges} + 6\text{loops} = 1$$

Then Euler's formula is verified.