



Figures of Que1 and Que2

Answer of Question 2 ::

- Polygon has 3 points on the least.
- Yes if points can be shared than the multiplicity for points to Polygon has to change from 1 to 1..*

```
classDiagram
    class PILOT {
        LEVEL
        ROLE
    }
    class CO-PILOT {
        LEVEL
        ROLE
    }
    class AIRPORT {
        UID
    }
    class FLIGHT {
        FLYING ID
    }
    class AIRCRAFT {
        TYPE
        REPAIR/WORKING
    }
    class AIRLINE {
        AIRLINE ID
    }

    PILOT "1..*" -- "1..*" CO-PILOT : WORKS FOR
    PILOT "1..*" -- "1..*" FLIGHT : CREW
    CO-PILOT "1..*" -- "1..*" FLIGHT : CREW
    AIRPORT "1" -- "1..*" FLIGHT : DEAPRT
    AIRPORT "1" -- "1..*" FLIGHT : ARRIVE
    FLIGHT "1..*" -- "1..*" AIRCRAFT : USES
    FLIGHT "1..*" -- "1" AIRLINE : OPERATED BY
    AIRCRAFT "1..*" -- "1" AIRLINE : OWNER
```