Assumptions:

- The plane is made up of rows of 6 seats, split down the middle for an aisle.
- Everyone being considered for the following algorithm are non-priority (economy) customers.
- People that intend to fly together buy their tickets together.
- n represents the number of people in the group.
- Balance of the plane will be maintained as much as possible by treating the plane as 4 quadrants.
- Groups with a minor get priority.

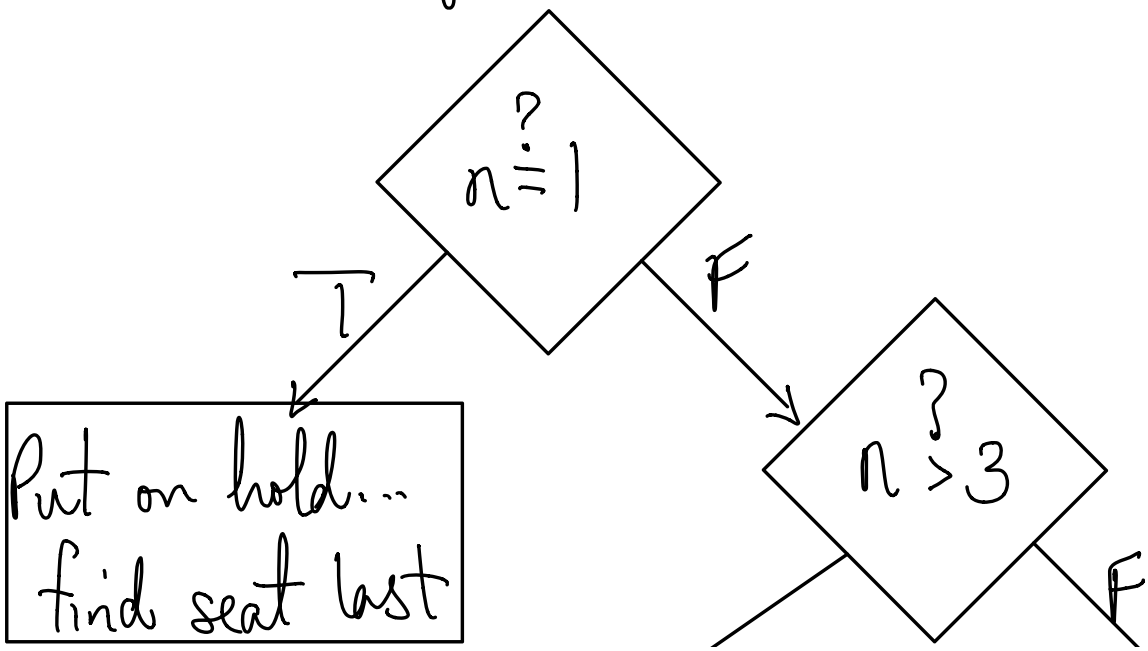
$n < 3$

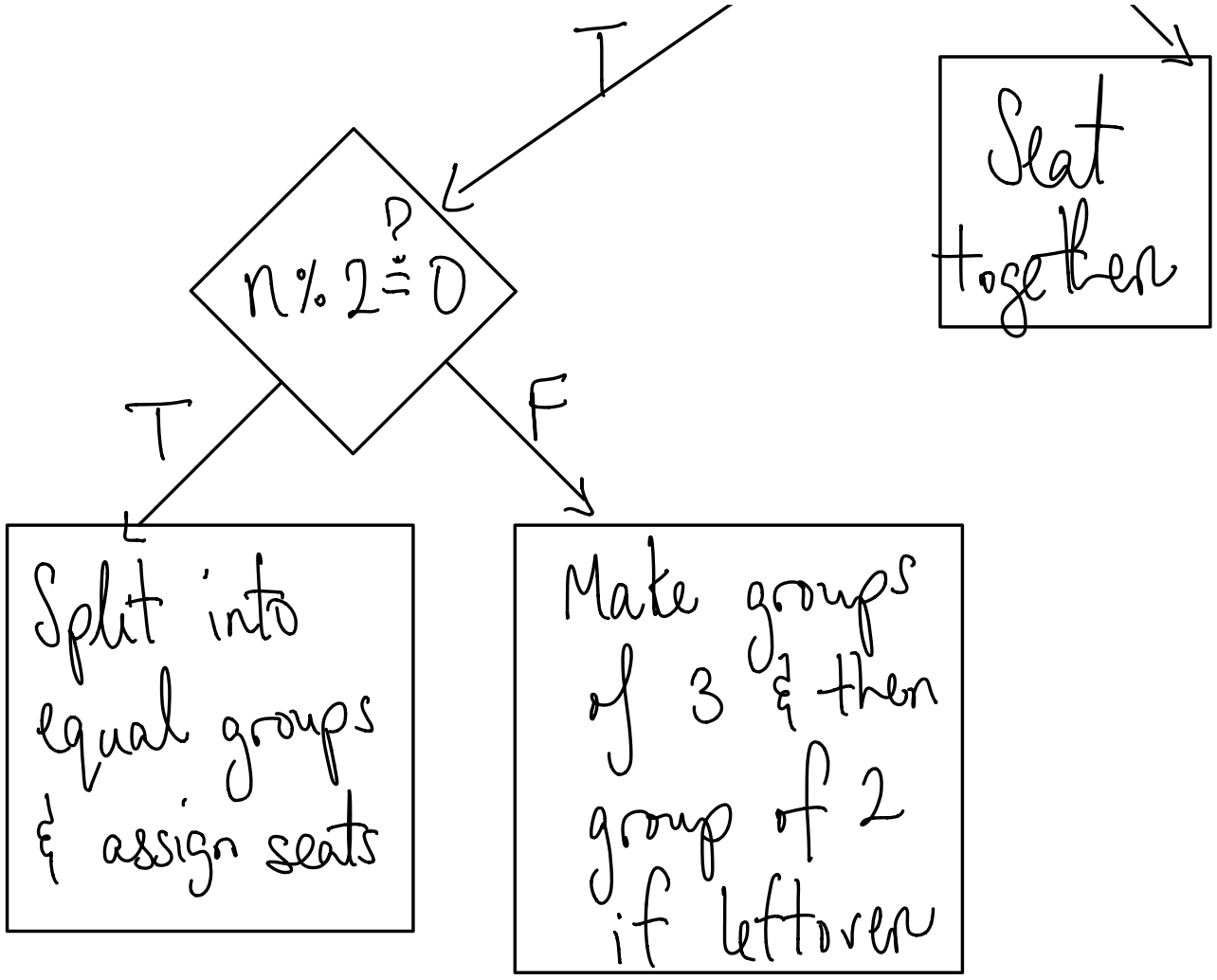
- Fill-in empty seat
- Sit together
- Get ½ row

$n > 3$

- Split into 2 groups evenly
- 2/3
- etc... even/odd behavior

* if there's a child, seat first to ensure they're not alone.




I
Seat together
n % 2 == 0 ?
T
F
Split into equal groups & assign seats
Make groups of 3 & then group of 2 if leftover