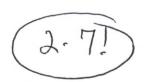
9. (9 points) A group of 8 people attend the movies together. How many ways can they be seated in a row if two of the people (John and Mary) insist on sitting next to one another?

Thinks grangis 7 hunas 44its JM and to Other 6 HJ and the other 6



10. How many 5 – tuples are there of the form (h, i, j, k, m) with $1 \le m \le k \le j \le i \le h \le 10$?

[10] (9) (8) (7) (6) (5) (4) (3)(2)(1)

Each such 5-the corresponds to a work order

with 5 fiels and 9 switches

