$0 + \frac{5!}{2!} \cdot (4) + \frac{5!}{3!} \cdot (4) = 480 \text{ differt strong}$ (4) + (5) + (5) + (7) = 11 unique subsert0 (2) (2) (2) (52-8)= 123,552 8 (15+6-1) + (1-6-1) = 35853 left chold of 3 can only be 1 right chird of 9:10-12 10 10 11 12 12 left child of 9:4-8 2 children: 2

By 4 children: 14 5 dram. 42 total: 2x5x42= 420 D case 1: 3 nurses: Case 2: 4 mines (1,1,8) (2,3,5) (1,1,1,7) (1,2,2,3) (2,2,3,3) (1,2,7) (2,4,4) 8 66.2 251 (1,1,2,6) (1,2,3,4) 7 (2, 9 (1,3.6) (3,3,4) (1.1.3.5) (1.3,3.3) (1,4, 5) (Apr (1,1,4,4) (4, (2,2,2,4) (2.2.6) W assume all the get voures. 17