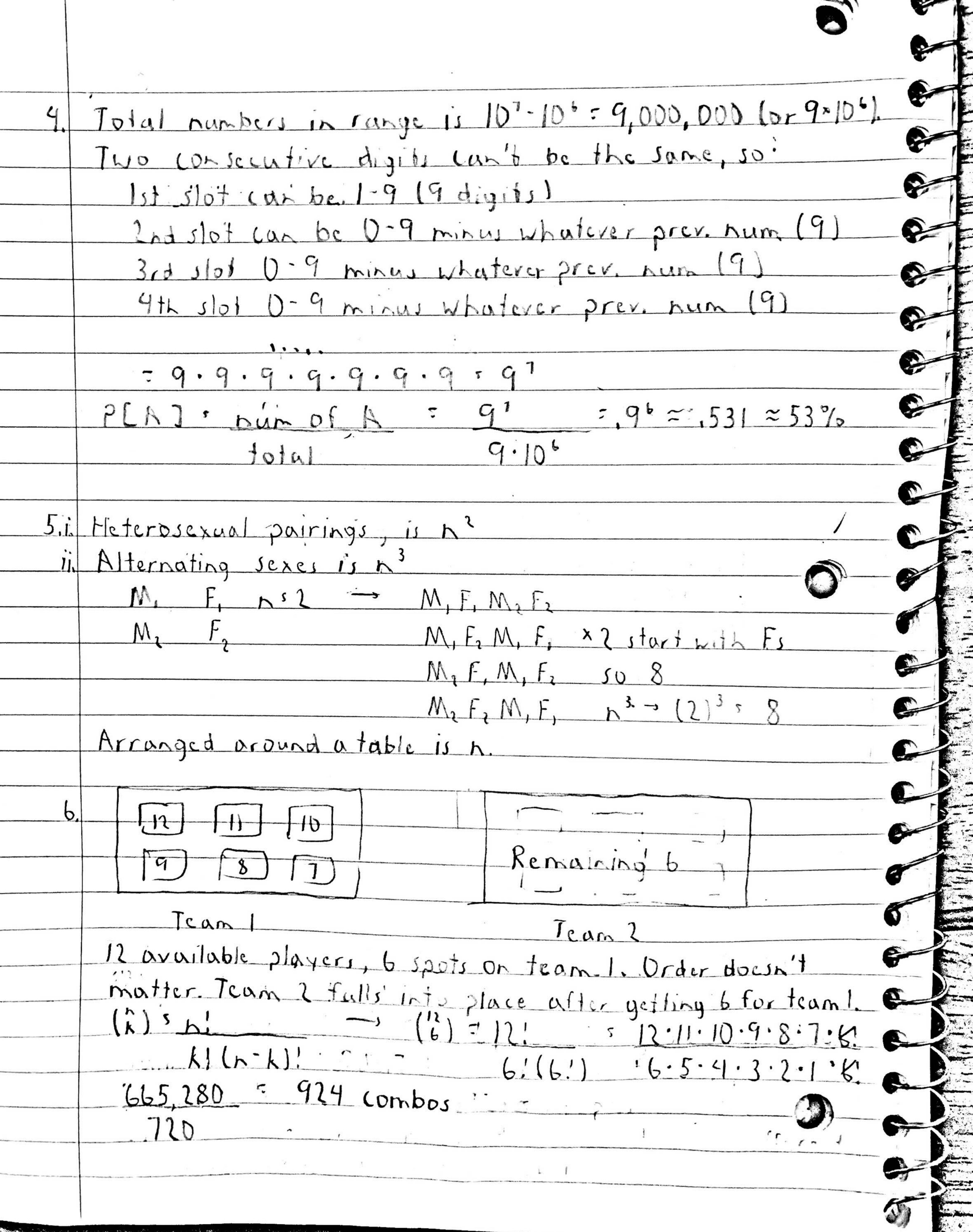
Assignment Positive 98% 95% No Steroids 88% Negative 1A] 5 Pr[AnB] 5 [.98 x .05] : . 30 = 30 % - chance (n!)2 \ ?nn \ e^2n 3. Between 10° (1,000,000) and 10° (10,000,000) there are 7 digite to be fille. The fieldigit can't be 0,50 1-9 or 9 possibilities. The second digits can't be last one Chosen, but now O is a possibility, so still 9. Than 3rd stol 8 chaines, 4th stol 7 and so on: 9×9×8×7×6×5×4 = 544 320 elements



```
18: (50-18): 18: 32!
 1x1y12) > 1. 1575 p=18 q=32 r=25
          = 9.4941 × 1032
   18! · 32! · 25!
  For monomials, we have (x'y'z) r (r'r') where
  n. 75 and r. 3 from 3 terms. So:
                  5 77: 75: 75: 75: 75: 71:76. = 7,926-
       75! (77-75)! 75!"?! 75!:2!
9. 10 left gloves (L), 10 right gloves (R)
  Only way this wouldn't satisfy it pick all Ls or Rs
  Alls Ls probability: All Rs probability:

10 9 8 7 15 16 70 19 18 17 16
   · = .0163
   50.1-,0163-,0163 = 96.74%
```

Jecond try 5 10 9 9 9 5 10

Jen try 5 10 9 8 7 6 10 5 10

With replacement

Second try 5 10 10 5 100

Third try 10 10 10 10 10 100