Combinations meeting restrictions:

Probability of one eight combo: $\frac{4200}{100000} = 0.042$

Probability of one right after 8 tiles:

$$= 0.249$$
 $C_1 \times 0.042 \times (2-0.042)^{\frac{7}{2}}$
Success field

- 3) Yes they are independent as one outcome doesn't affect the outcome of the others
- Total Number of Dealings: 52! = 3/1875200 4)

Number of Alush es: 4

Number of Just of one suit:

131 - VI

Thus probability of flush is:

Experted no. & hado:

5)
$$X = T_{out}$$
 wind $4/5$ gamed

 $S = superstan plays$
 $S' = superstan doesn't play$
 $P(S) = 0.75$
 $P(S') = 0.25$
 $P(X'S) = {}^{5}C_{4} \times 0.7^{9} \times 0.3 = 0.36015$
 $P(X'S') = {}^{5}C_{4} \times 0.7^{9} \times 0.5 = 0.15625$

Sopenstan Superstan doesn't plays

Total Cases: 0.36015 x 0.75 + 0.15625 x 0.75

Total Cases: 0.36015 x 0.75 + 0.15625 xDE

Cases Where Teen wins 1/5 and Superster plays 0.36015x0.75

20.844