Poblem 2

P(no standard answer more than one)

=
$$\frac{|C|}{k!} = \frac{1}{2} \cdot 432400$$

One $|C| = \frac{1}{10} \cdot \frac{1}{10} \times \frac{1}{10} \times \frac{1}{10} \times \frac{1}{10} = \frac{1}{100000}$
 $|C| = \frac{1}{10} \times \frac{1}{10} \times \frac{1}{10} \times \frac{1}{10} \times \frac{1}{10} = \frac{1}{100000}$
 $|C| = \frac{1}{10} \times \frac{1}{10} \times \frac{1}{10} \times \frac{1}{10} \times \frac{1}{10} = \frac{1}{100000}$
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$$|\cos \cos x| = \frac{42 \cdot \cos x}{|\cos x|^{2} + \frac{1}{10} \times \frac{1}{10} \times \frac{1}{10} \times \frac{1}{10} \times \frac{1}{10} \times \frac{1}{10} = \frac{42 \cdot \cos x}{|\cos x|^{2} + \frac{1}{10} \times \frac{1}{10}} = \frac{42 \cdot \cos x}{|\cos x|^{2} + \frac{1}{10} \times \frac{1}{10} \times \frac{1}{10} \times \frac{1}{10} = \frac{42 \cdot \cos x}{|\cos x|^{2} + \frac{1}{10} \times \frac{1}{10} \times \frac{1}{10} \times \frac{1}{10} = \frac{42 \cdot \cos x}{|\cos x|^{2} + \frac{1}{10} \times \frac{1}{10} \times \frac{1}{10} \times \frac{1}{10} = \frac{42 \cdot \cos x}{|\cos x|^{2} + \frac{1}{10} \times \frac{1}{10} \times \frac{1}{10} \times \frac{1}{10} = \frac{42 \cdot \cos x}{|\cos x|^{2} + \frac{1}{10} \times \frac{1}{10} \times \frac{1}{10} = \frac{42 \cdot \cos x}{|\cos x|^{2} + \frac{1}{10} \times \frac{1}{10} \times \frac{1}{10} = \frac{42 \cdot \cos x}{|\cos x|^{2} + \frac{1}{10} \times \frac{1}{10} \times \frac{1}{10} = \frac{42 \cdot \cos x}{|\cos x|^{2} + \frac{1}{10} \times \frac{1}{10} \times \frac{1}{10} = \frac{42 \cdot \cos x}{|\cos x|^{2} + \frac{1}{10} \times \frac{1}{10} \times \frac{1}{10} = \frac{42 \cdot \cos x}{|\cos x|^{2} + \frac{1}{10} \times \frac{1}{10} \times \frac{1}{10} = \frac{42 \cdot \cos x}{|\cos x|^{2} + \frac{1}{10} \times \frac{1}{10} \times \frac{1}{10} = \frac{42 \cdot \cos x}{|\cos x|^{2} + \frac{1}{10} \times \frac{1}{10} \times \frac{1}{10} = \frac{42 \cdot \cos x}{|\cos x|^{2} + \frac{1}{10} \times \frac{1}{10} \times \frac{1}{10} = \frac{42 \cdot \cos x}{|\cos x|^{2} + \frac{1}{10} \times \frac{1}{10} \times \frac{1}{10} = \frac{42 \cdot \cos x}{|\cos x|^{2} + \frac{1}{10} \times \frac{1}{10} \times \frac{1}{10} = \frac{42 \cdot \cos x}{|\cos x|^{2} + \frac{1}{10} \times \frac{1}{10} \times \frac{1}{10} = \frac{42 \cdot \cos x}{|\cos x|^{2} + \frac{1}{10} \times \frac{1}{10} \times \frac{1}{10} = \frac{42 \cdot \cos x}{|\cos x|^{2} + \frac{1}{10} \times \frac{1}{10} \times \frac{1}{10} = \frac{42 \cdot \cos x}{|\cos x|^{2} + \frac{1}{10} \times \frac{1}{10} \times \frac{1}{10} = \frac{1}{10} \times \frac{1}{10} \times \frac{1}{10} = \frac{1}{10} \times \frac{1}{10} \times \frac{1}{10} \times \frac{1}{10} \times \frac{1}{10} = \frac{1}{10} \times \frac{1}{10} \times$$

$$|0000 \sim 99999 \quad \square \square \square \square \rceil = \frac{4}{10} \times \frac{5}{10} \times \frac{5$$

$$(0.02(2) \times \&C_5 \times (1-0.0212)$$
3.
$$P(AAB) = \frac{3}{5} \times \stackrel{?}{t} \times \stackrel{1}{b}$$

$$P(A) = \frac{3}{6} \times \frac{3}{6} \times 1 = \frac{3}{36} = \frac{7}{6} \quad P(B) = \frac{7}{6} \times \frac{7}{6} = \frac{3}{36}$$

$$P(A) P(B) = \frac{1}{144} \qquad P(AAB) \neq P(A)P(B)$$

$$P(A) P(B) = \frac{1}{144}$$
 $P(AAB) \neq P(A) P(B)$
... Not Independent.

$$(A) = (4) + (A(0) +$$

7. Not independent.

4.
$$4C_1 = 4$$
 $13C_5 = \frac{131}{5!6!} = 1287$
 $4 \times 1287 = 5146$

: Not Independent.

4.
$$4C_1 = 4$$
 $13C_5 = \frac{131}{5!6!} = 1257$

A= Team won P(AAB= 70%
B= Suge. Gen plaged P(AAB) = 50%

P(A1B) = 75% $P(B) = \frac{(70\%)^{5}}{(70\%)^{5}} = 0.71$

A= Team won

5.

$$P(A) P(B) = \frac{1}{144}$$
 $P(AAB) \neq P(A) P(B)$
: Not independent.
4. $4C_1 = 4$ $13C_2 = \frac{131}{1267} = 1257$

$$P(A) = \frac{1}{6} \wedge \frac{1}{6} \wedge \frac{1}{6} = \frac{1}{6} \wedge \frac{1}{6} + \frac{1}{6}$$