import java.io.\*;

public class IPL

{

static final int N = 20;

static int countPair(char str[][], int n)

{

int[] cnt = new int[1 << 10];

// making the mask for each of the number.

for (int i = 0; i < n; i++)

{

int mask = 0;

for (int j = 0; j < str[i].length; ++j)

mask |= (1 << (str[i][j] - '0'));

cnt[mask]++;

}

// for each of the possible pair which can

// make OR value equal to 1023

int ans = 0;

for (int m1 = 0; m1 <= 1023; m1++)

for (int m2 = 0; m2 <= 1023; m2++)

if ((m1 | m2) == 1023)

{

ans += ((m1 == m2) ? (cnt[m1] \* (cnt[m1] - 1)) :

(cnt[m1] \* cnt[m2]));

}

return ans / 2;

}

// Driver Code

public static void main(String[] args)

{

int n = 5;

char str[][] = { "129300455".toCharArray(),

"5559948277".toCharArray(),

"012334556".toCharArray(),

"56789".toCharArray(),

"123456879".toCharArray() };

System.out.print(countPair(str, n) + "\n");

}

}