

<https://github.com/B1206011/HAPL/tree/main/20240426>



{x}



```
a=1
while a<=9:
    b=1
    while b<=9:
        if (a*b)<10:
            print(f'{b} x {a} = {a*b}',end='    ')
        else:
            print(f'{b} x {a} = {a*b}',end='    ')
        b += 1
    print("\n")
    a += 1
```

```
1 x 1 = 1   2 x 1 = 2   3 x 1 = 3   4 x 1 = 4   5 x 1 = 5   6 x 1 = 6   7 x 1 = 7   8 x 1 = 8   9 x 1 = 9
1 x 2 = 2   2 x 2 = 4   3 x 2 = 6   4 x 2 = 8   5 x 2 = 10  6 x 2 = 12  7 x 2 = 14  8 x 2 = 16  9 x 2 = 18
1 x 3 = 3   2 x 3 = 6   3 x 3 = 9   4 x 3 = 12  5 x 3 = 15  6 x 3 = 18  7 x 3 = 21  8 x 3 = 24  9 x 3 = 27
1 x 4 = 4   2 x 4 = 8   3 x 4 = 12  4 x 4 = 16  5 x 4 = 20  6 x 4 = 24  7 x 4 = 28  8 x 4 = 32  9 x 4 = 36
1 x 5 = 5   2 x 5 = 10  3 x 5 = 15  4 x 5 = 20  5 x 5 = 25  6 x 5 = 30  7 x 5 = 35  8 x 5 = 40  9 x 5 = 45
1 x 6 = 6   2 x 6 = 12  3 x 6 = 18  4 x 6 = 24  5 x 6 = 30  6 x 6 = 36  7 x 6 = 42  8 x 6 = 48  9 x 6 = 54
1 x 7 = 7   2 x 7 = 14  3 x 7 = 21  4 x 7 = 28  5 x 7 = 35  6 x 7 = 42  7 x 7 = 49  8 x 7 = 56  9 x 7 = 63
1 x 8 = 8   2 x 8 = 16  3 x 8 = 24  4 x 8 = 32  5 x 8 = 40  6 x 8 = 48  7 x 8 = 56  8 x 8 = 64  9 x 8 = 72
1 x 9 = 9   2 x 9 = 18  3 x 9 = 27  4 x 9 = 36  5 x 9 = 45  6 x 9 = 54  7 x 9 = 63  8 x 9 = 72  9 x 9 = 81
```



{x}



```
import random
a=random.sample(range(1,10),4)
print(' 答案:', a)
c=d=n=0
e=0
while c!=4:
    e+=1
    c=d=n=0
    b=list(input(' 請輸入四個數字(不會重複)'))

    if len(b) >4:
        print('輸入數字過多,請輸入四個數字(不會重複)')
    else:
        for i in b:
            if int(b[n]) == a[n]:
                c+=1
            else:
                if int(i) in a:
                    d+=1
                n+=1

        print(f' {c}A {d}B')
    if c==4:
        print(' 答對了!總共猜了',e,'次')
        break
```

```
答案: [3, 6, 4, 5]
請輸入四個數字(不會重複)12345
輸入數字過多,請輸入四個數字(不會重複)
請輸入四個數字(不會重複)1234
0A2B
請輸入四個數字(不會重複)3524
1A2B
請輸入四個數字(不會重複)3412
1A1B
請輸入四個數字(不會重複)3645
4A0B
答對了!總共猜了 4 次
```

