



```
for i in range(1,10):
    for f in range(1,10):
        if (i*f)<10:
            print(f'{i} x {f} == {i*f}',end=" ")
        else:
            print(f'{i} x {f} == {i*f}',end=" ")
        print("")
```

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

```
for i in range(1,10):
    for f in range(1,10):
        if (i*f)<10:
            print(f'{i} x {f} == {i*f}',end=" ")
        else:
            print(f"{i} x {f} == {i*f}",end=" ")
        print('')
```

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

```
n=18
for a in range(n):
    if a%2==1:
        X=int((n-a)/2)
        for b in range(X):
            print(" ",end="")
        for c in range(a):
            print("*",end="")
        print('\n')
f='          *** '
print(f)
print(f)
print(f)
print(f)
print(f)
print(f)
print(f)
print(' ')
*
          ***
        *****
       *********
      ***********
     *************
    *************
   *************
  *************
 *
          ***
          ***
          ***
          ***
          ***
```