

34806912206568842

Its regular pattern:

```
last = 0
for i in range(20):
    last = last * i + 2
    print( i+2 , end=': ')
    print( last )
```

result :

2: 4

3: 10

4: 32

5: 130

.....

19: 1933717344809380

20: 34806912206568842

21: 661331331924808000