ffib

$$f(n) = a*f(n-1) + b*f(n-2) + c*f(n-3)$$

input:

first line get number of test case
each test case contain a, b, c, f(0), f(1), f(2), n

output:

find f(n) % (1e9 + 7)

example input:

```
7
9 6 4 3 0 8 3
7 4 7 9 9 7 2
7 9 7 4 2 7 8
4 8 3 9 6 4 8
3 7 9 3 1 9 0
8 0 4 4 7 5 6
0 9 4 6 6 0 6
```

example output:

```
84
7
3364900
404884
3
30848
528
```

sub-problem:

50% of test case every thing <= 1e4
100% of test case query <= 3e4, x <= 1e17, another <= 1e9