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#include<iostream>
#include<cmath>
using namespace std;
int prima(long long int n)
{
    while (n > 9)
    {
        n = n / 10;
    }
    return n;
}
long long put(long long int n, long long int p)
{
    long long int s = 1;
    for (int i = 1; i <= p; i++)
        s = s * n;
    return s;
}

int main()
{
    for(int k = 0; k < 5; k++)
    {
        long long int N, P, D, i = 1;
        cin >> N >> P >> D;
        long long p = put(10, P);
        if(N/p)
            cout << N / p ;
        long long int r = N - (N / p) * p;
        long long int pr = prima(r);
        if (r != 0)
        {
            if (pr < 5)
                cout << (pr + D)%10;
            else
                cout << prima(abs(pr - D));
            r = r / 10;
            while (r)
            {
                cout << 0;
                r = r / 10;
            }
        }
        cout<<endl;
    }
    return 0;
}

```