This is incomputable. Assume for the sake of contradiction that it is computable, so that there exists a Turing machine M^5 that computes L^5. We can use M^5 to decide the halting problem. The halting problem asks whether a Turing machine M halts on input x. When given such an M and input x, we construct a new Turing machine M_{new} that for four inputs excluding x, we make M_{new} always output 1 on them. For input x, we make it output 1 if M outputs either 1 or 0. M_{new} on inputs other than these five output 0. We now input M_{new} into M^5. If and only if M^5 outputs 1, then M halts on x. This decides the halting problem, which we know to be incomputable, so we've reached a contradiction. Thus, L^5 is incomputable.

M_{new} pseudocode:

```
M_new(M,x){
    randomly select 4 inputs that are not x as x2, x3, x4, and x5;
    if (x==x2 || x==x3 || x==x4 || x=x5){
        return 1;
    }
    else if (x!=x){
        return 0;
    }
    M(x);
    return 1;
}
```