

## Data reuse

#pragma unroll 8:  $T_m = T_r = T_c = 4$

Weight:

Bandwidth:  $0.01851s * 912.7MB/s = 4428681$  floats

Data:  $4(K\_wts) * 4(K\_wts) * 128(M) * 128(N) = 262144$  floats

Input:

Bandwidth:  $0.01851s * 1.3MB/s = 6308$  floats

Data:  $128(N) * 19(R\_ifm) * 19(C\_ifm) = 46208$  floats

Reuse:  $46208 / 6308 = 7.33$

## CPU



