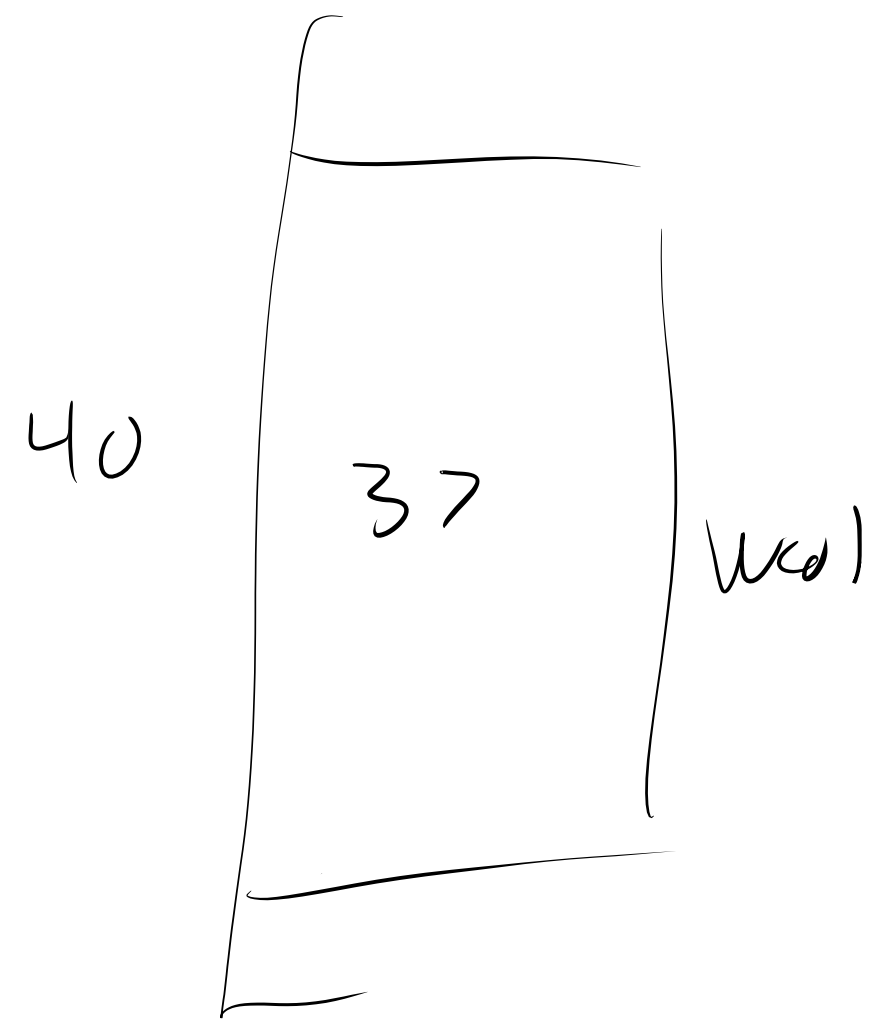
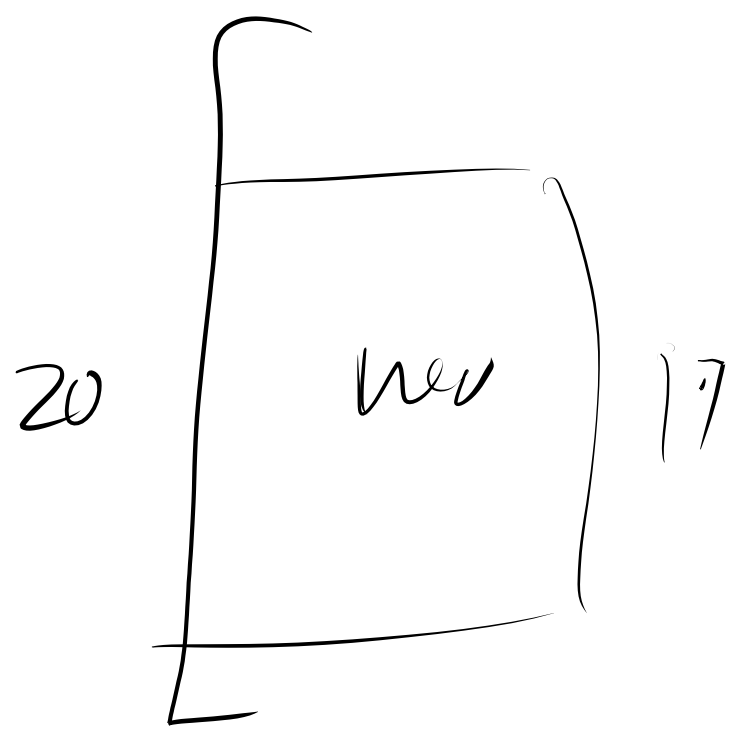
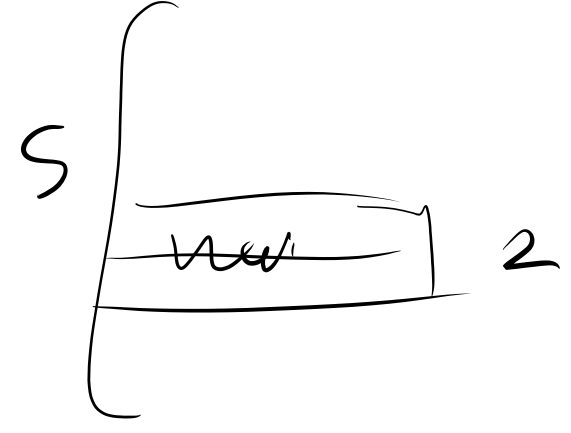
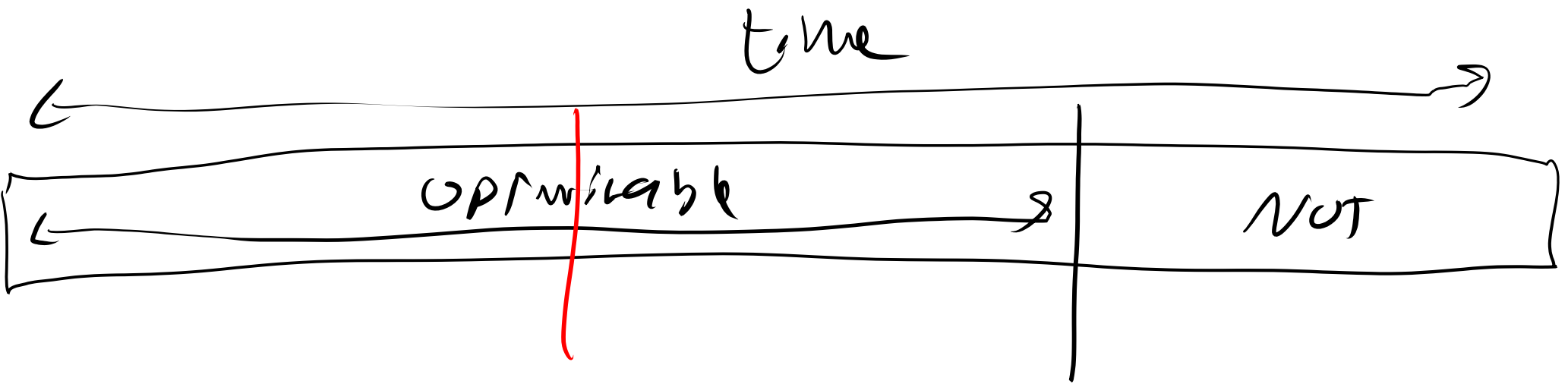
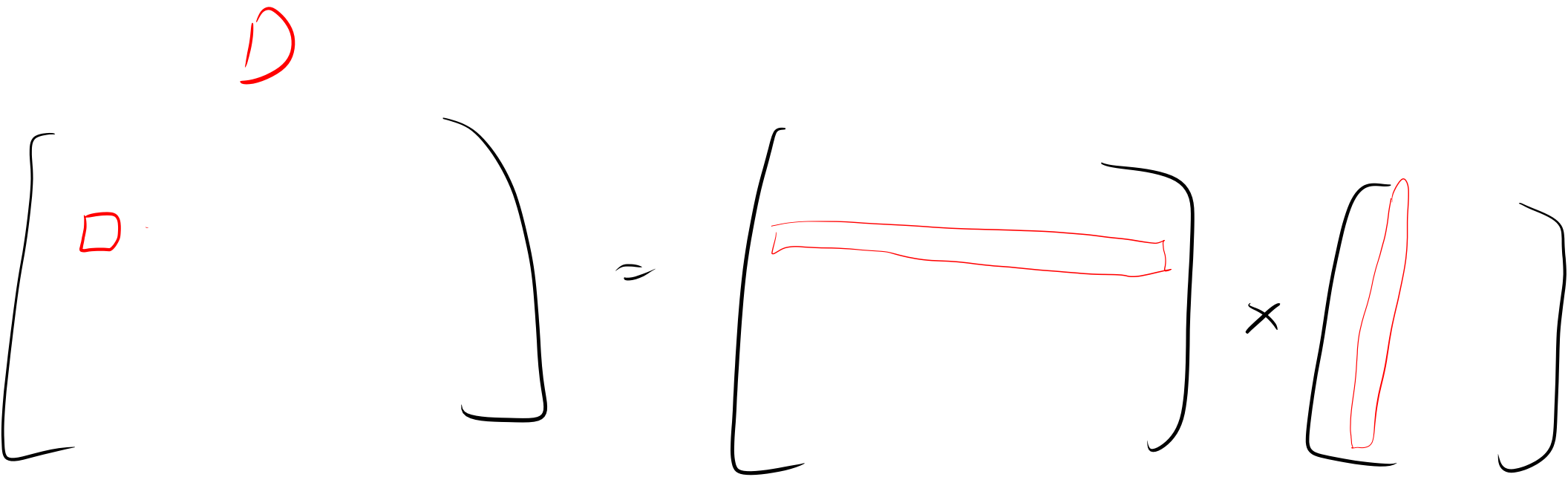


→



Amdahl's law





for r

```

for c
  tmp = 0
  for i
    P[r,c] += tmp
  D[r,c] = tmp

```

SIMD

Single instruction multiple data

`int4 x = 3, 3, 3, 0`