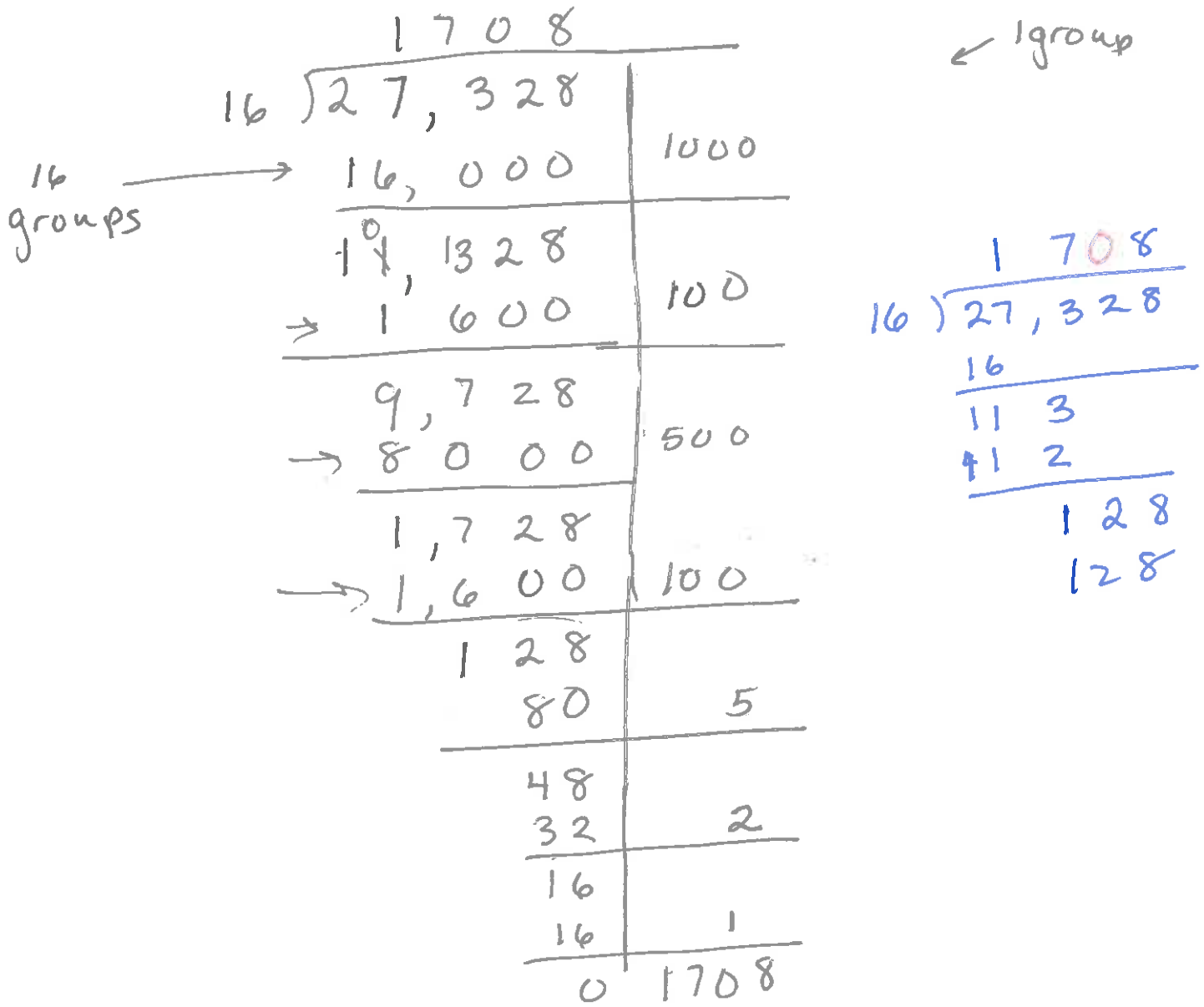
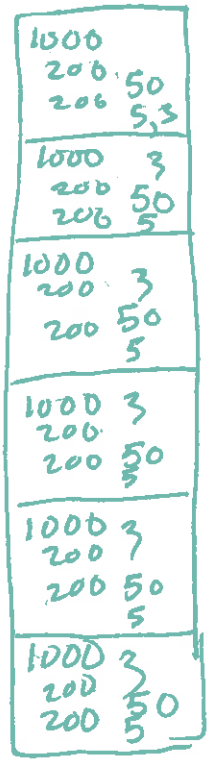

1 7 0 8
16) 27, 3 2 8
16 groups
16, 0 0 0
1000
1 4, 1 3 2 8
1 6 0 0
100
9, 7 2 8
8 0 0 0
500
1, 7 2 8
1, 6 0 0
100
1 2 8
8 0
5
4 8
3 2
2
1 6
1 6
1
0
1 7 0 8
1 group
1 7 0 8
16) 27, 3 2 8
16
1 1 3
1 1 2
1 2 8
1 2 8



6 groups

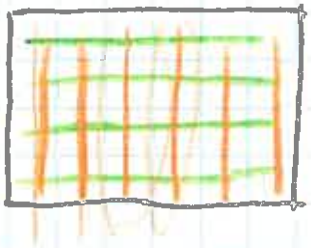
1 group

1458 R5

6)8753	
6000	1000
2753	
1200	200
1553	
1200	200
353	
300	50
53	
30	5
23	
18	3
5	1458

$6 \times 4 = 4 \times 6$

Commutative
Commute



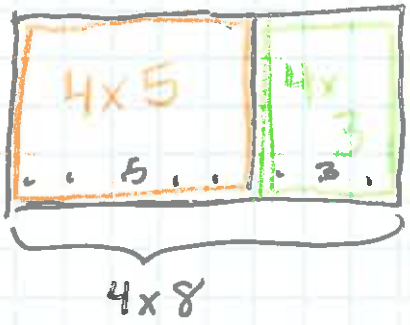
6 in each group
4 groups
6×4

4 in each group
6 groups $= 4 \times 6$

4×6 and 6×4 are two ways of grouping the same squares
so
$4 \times 6 = 6 \times 4$

Distributive Property

4×8
$4 \times (5 + 3) = 4 \times 5 + 4 \times 3$



The 4×8 array is made out of a 4×5 array and a 4×3 array
so
$4 \times (5+3) = 4 \times 5 + 4 \times 3$