

Plate Calculations

When there is only one data point = the # log

	2	3	4	5	6	7	8	log	
tube # '317'		∞	∞	∞	50			7.70	



$$50 \text{ 'log' } = 1.70 + \underline{6} = 7.70$$

When plating 5-8 start in the 5th spot

When plating 4-7 start in the 4th spot

When plating 3-6 start in the 3rd spot

When plating 2-5 start in the 2nd spot

	2	3	4	5	6	7	8	log	
tube # '308'	86	18	6	1				4.00	(plated 2-5)

1. Add them all up

2. Divide by (1.xxx) (# of spots after 1st number)/1.111

3. Then 'log'

4. Add the 1st number where plated (2) (1st number that is not infinity)

$$86 + 18 + 6 + 1 = 111 / 1.111 = 99.91 \text{ 'log' } = 2.00 + 2 = 4.00$$