

Домашнее задание № 1.

11

a) $589 + 248 = 700 + 120 + 17 =$

The diagram shows the numbers 589 and 248 decomposed into their place value components. For 589, the components are 500, 80, and 9. For 248, the components are 200, 40, and 8. These are then grouped into three sums: 500 + 200 = 700, 80 + 40 = 120, and 9 + 8 = 17. The final result 837 is also shown as the sum of 820 and 17.

$$\begin{array}{r} 500 + 200 = 700 \\ 80 + 40 = 120 \\ 9 + 8 = 17 \\ 700 + 120 + 17 = 837 \end{array}$$

$= 837$

$2593 + 4709 =$

The diagram shows the numbers 2593 and 4709 decomposed into their place value components. For 2593, the components are 2000, 500, 90, and 3. For 4709, the components are 4000, 700, and 9. These are then grouped into four sums: 2000 + 4000 = 6000, 500 + 700 = 1200, 90 + 0 = 90, and 3 + 9 = 12. The final result 7302 is also shown as the sum of 7200 and 102.

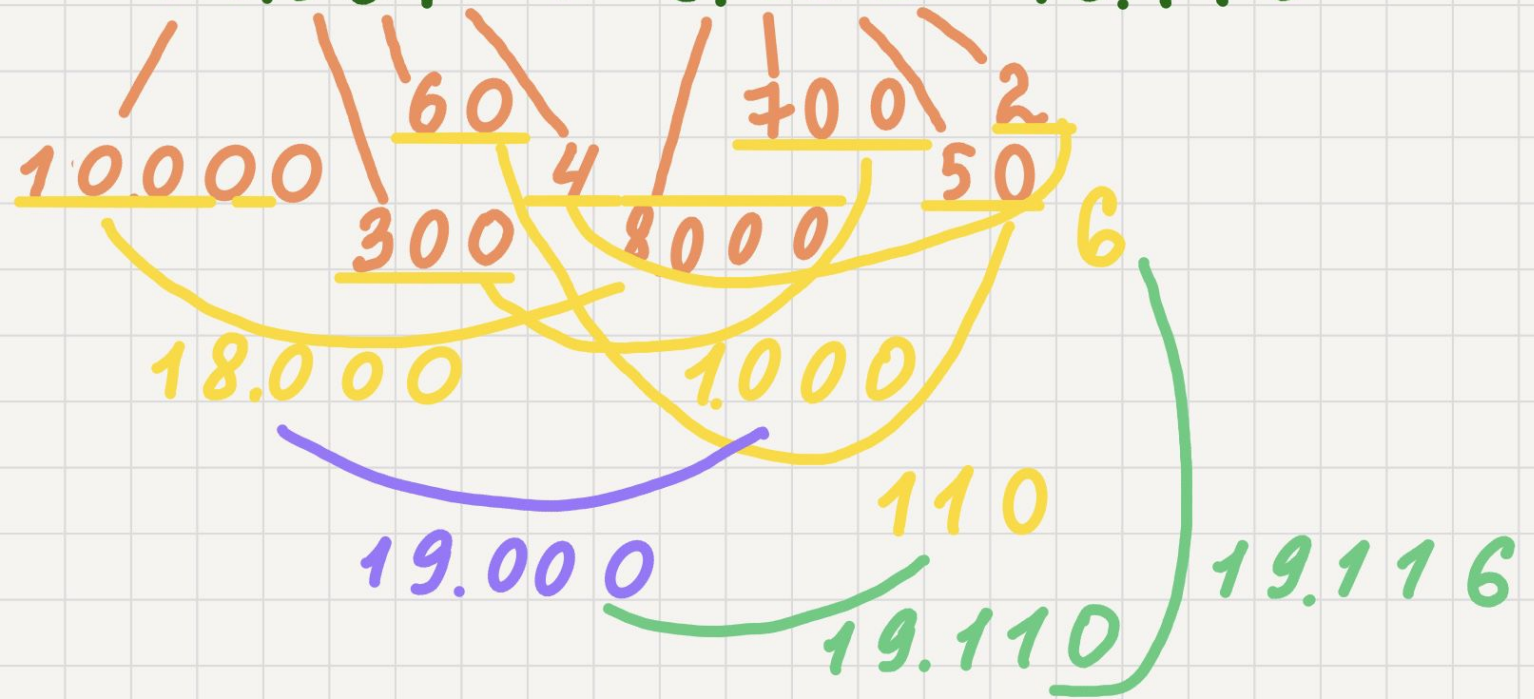
$$\begin{array}{r} 2000 + 4000 = 6000 \\ 500 + 700 = 1200 \\ 90 + 0 = 90 \\ 3 + 9 = 12 \\ 6000 + 1200 + 90 + 12 = 7302 \end{array}$$

$= 6000 + 1200 + 90 + 12 = 7302$

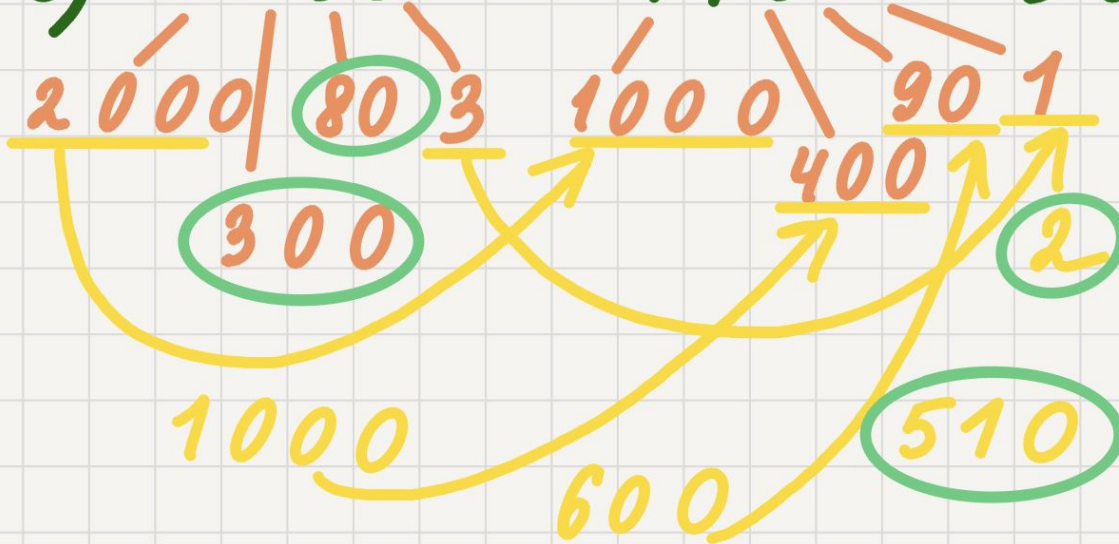
The diagram shows the final sum 7302 as the sum of 7200 and 102.

$$7200 + 102 = 7302$$

$$10.364 + 8.752 = 19.116$$



$$8) 2383 - 1491 = 300 + 510 +$$



$$+ 80 + 2 = 892$$

$$18.020 - 9.347 =$$

Handwritten calculation for $18.020 - 9.347$ using the borrowing method:

- 18.020 is written as 18.000 with 20 borrowed from the tens place.
- 9.347 is written as 9.000 with 40 borrowed from the tens place.
- The subtraction is performed digit by digit, resulting in 8.660 and a remainder of 13 .

$$= 8660 + 13 = 8.673$$

$$63.215 - 27.308 = 33.000 +$$

Handwritten calculation for $63.215 - 27.308$ using the borrowing method:

- 63.215 is written as 60.000 with 15 borrowed from the tens place.
- 27.308 is written as 20.000 with 8 borrowed from the tens place.
- The subtraction is performed digit by digit, resulting in 33.000 , 2.700 , and 200 .

$$+ 2.700 + 200 + 7 = 35.907$$

Handwritten calculation for the final sum:

- 35.700 (written in blue)
- 35.900 (written in blue)
- The final result is 35.907 .

$$b) 238 \cdot 4 = (\underline{200} + \underline{30} + 8) \cdot 4 =$$

$$= \underline{800} + \underline{120} + 32 = 952$$

920 952

$$20783 \cdot 6 = (\underline{20000} + \underline{700} +$$

$$+ \underline{80} + 3) \cdot 6 = \underline{120000} + \underline{4200} +$$

$$+ \underline{480} + 18 =$$

498 124.200

$$= 124.698$$

$$347 \cdot 25 = \underline{347 \cdot 20} + \underline{347 \cdot 5} =$$

20 5

$$= (\underline{300} + \underline{40} + 7) \cdot \underline{20} + (\underline{300} + \underline{40} + 7) \cdot 5 =$$

$$= \underline{6000} + \underline{800} + \underline{140} + \underline{1500} + \underline{200} +$$

$$+ 35 =$$

7500 1000

$$= 7500 + 1000 + 175 = 8675$$

$$2.379 \cdot 17 = 23.790 +$$

$$\begin{array}{r} 10 \quad 7 \\ \swarrow \quad \searrow \\ 23.790 \end{array}$$

пошлю

$$+ (2000 + 300 + 70 + 9) \cdot 7 =$$

$$= 23.790 + 14.000 + 2.100 + 490 + 63 =$$

16.100

$$= 23.790 + 16.100 + 490 + 63 =$$

39.890 553

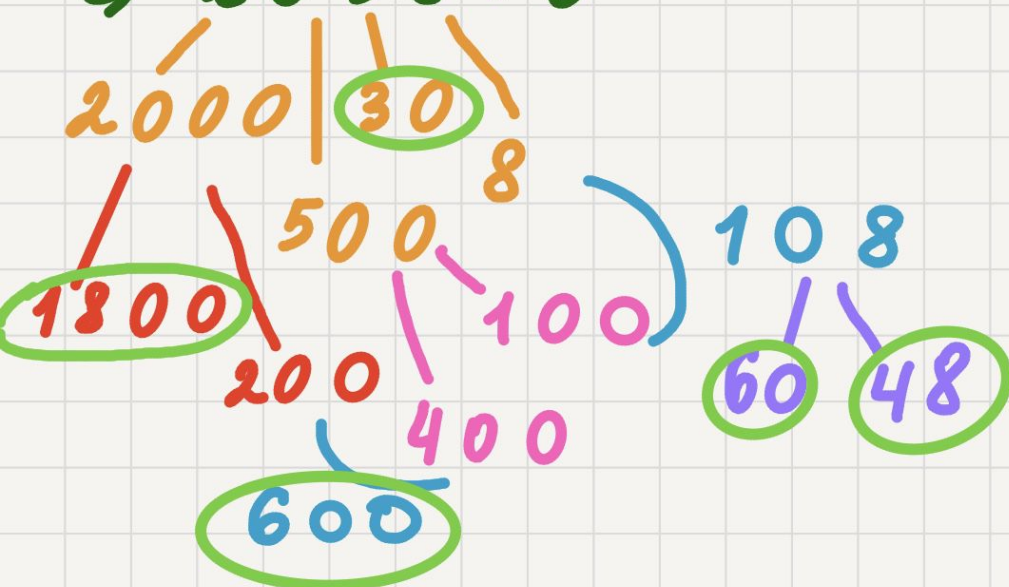
$$= 39.890 + 553 =$$

$$\begin{array}{r} 39.000 \quad | \quad 90 \quad | \quad 500 \quad | \quad 50 \quad 3 \\ \quad \quad \quad 800 \quad \quad \quad 500 \quad \quad \quad 50 \quad 3 \\ \quad \quad \quad 1300 \quad \quad \quad 140 \end{array}$$

40.300 40.440 40.443

$$= 40.443$$

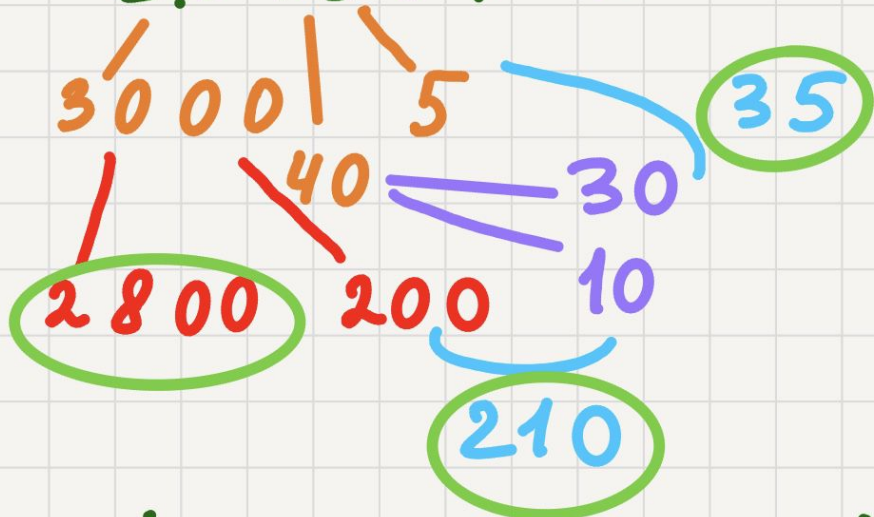
$$2) 2538 : 6 =$$



$$= (1800 + 600 + 30 + 60 + 48) : 6 =$$

$$= 300 + 100 + 5 + 10 + 8 = 423$$

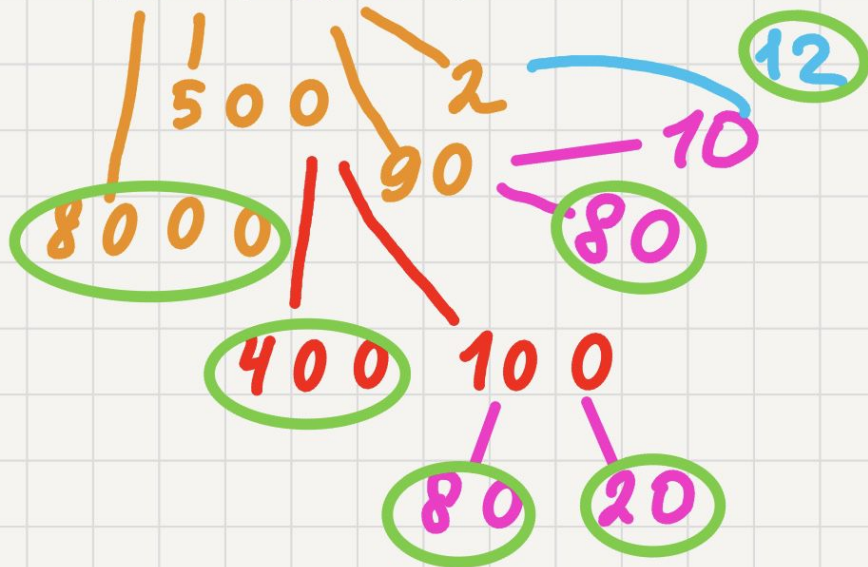
$$3.045 : 7 =$$



$$= (2800 + 210 + 35) : 7 =$$

$$= 400 + 30 + 5 = 435$$

$$8592 : 4 =$$

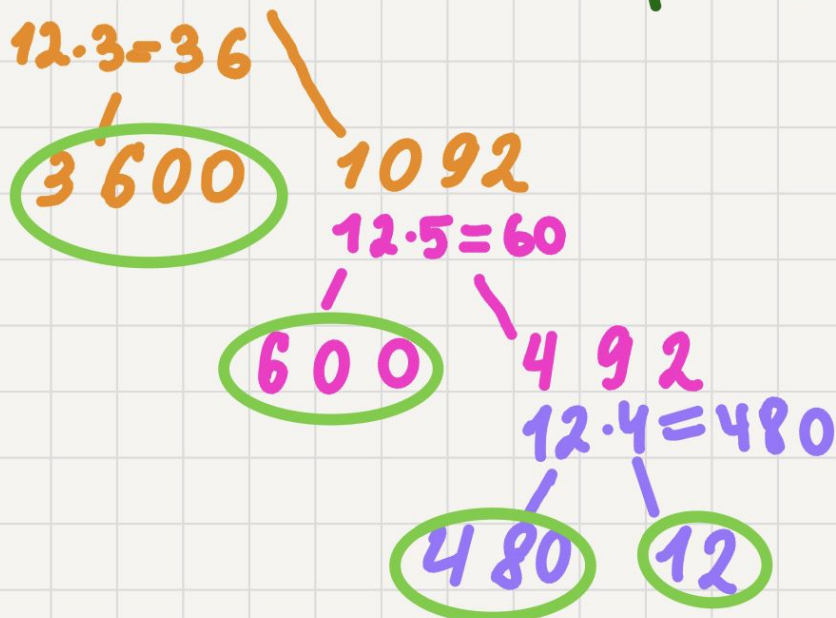


$$= (8000 + 4000 + 800 + 800 + 200 + 12) : 4 =$$

$$= 2000 + 1000 + 200 + 200 + 50 + 3 =$$

$$= 2148$$

$$4692 : 12 = (3600 + 600 + 480 +$$



$$+ 12) : 12 = 300 + 50 + 40 + 1 = 391$$

12

4468 м.

в 2 раза >

в 4 раза <

значит, в 2 раза <

1) $4468 \cdot 2 = 8000 + 800 + 120 + 16 =$
 $= 8936$ (м.) - сидит во второй
капле.

2) $4468 : 2 = (4000 + 400 + 60 +$
 $+ 8) : 2 = 2000 + 200 + 30 + 4 =$
 $= 2234$ (м.) - сидит в III
капле.

3) $\underline{4} \underline{4} \underline{6} \underline{8} + \underline{8} \underline{9} \underline{3} \underline{6} + \underline{2} \underline{2} \underline{3} \underline{4} = \underline{14000} +$
 $+ \underline{1500} + \underline{90} + \underline{10} + \underline{38} = 15638$ (м.) -
засядут в Иинокектии.

Ответ: 15.638 микробов.



Ребята, решение Δ_1 и Δ_2
верное, но не единственное.

Вы можете решить задания
иначе, но ответ должен
совпадать с моим.

Удачи!

Алена Сергеевна

