

Опорная схема « Состав числа »



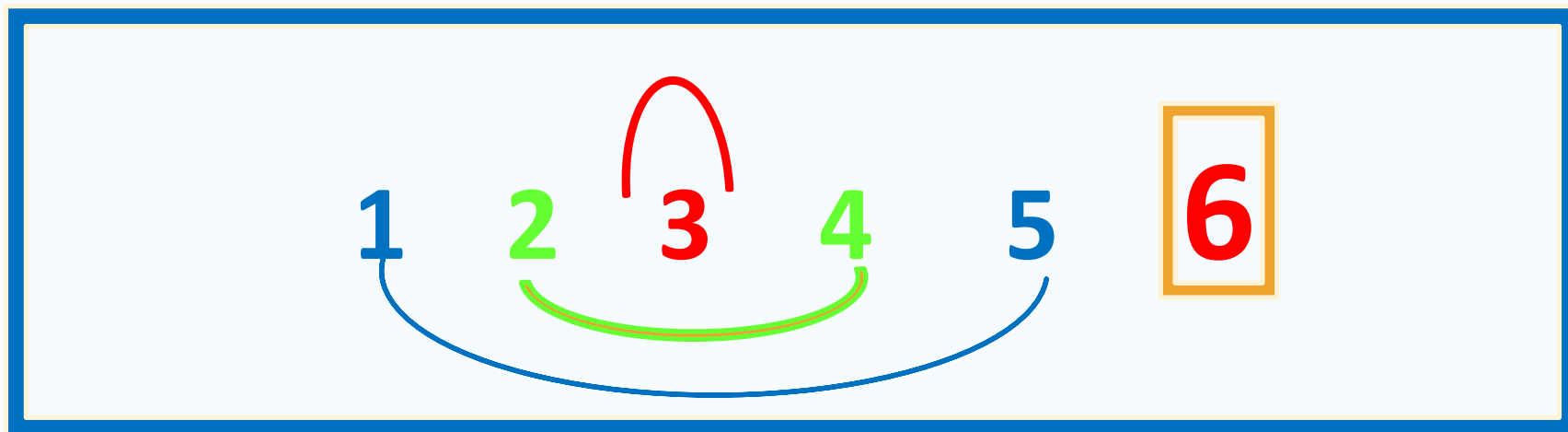
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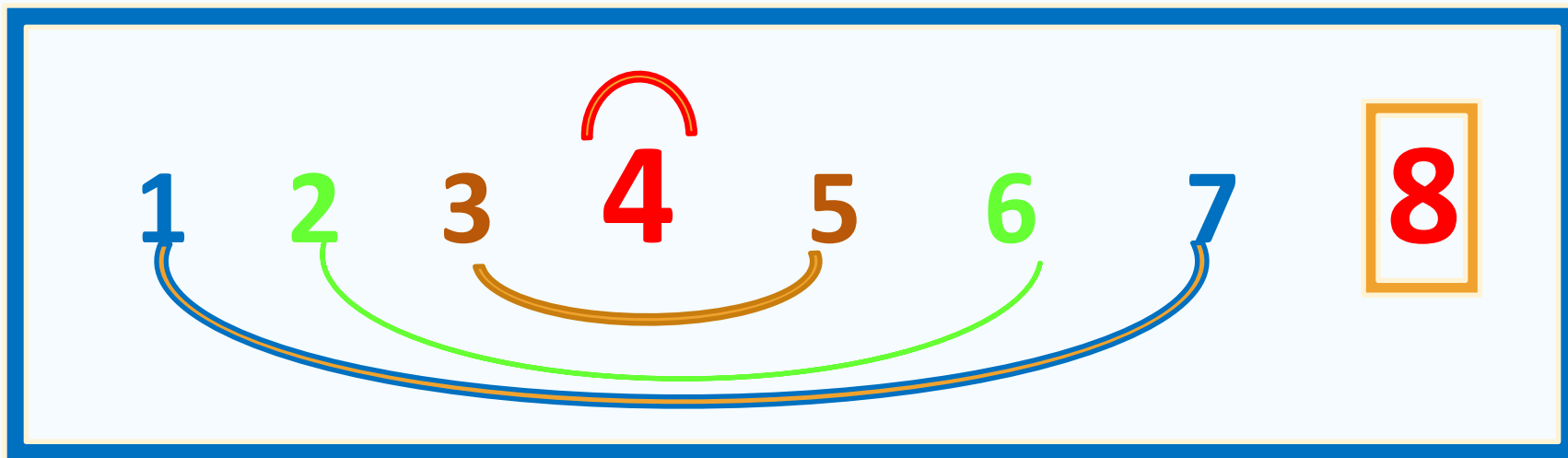
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1 2



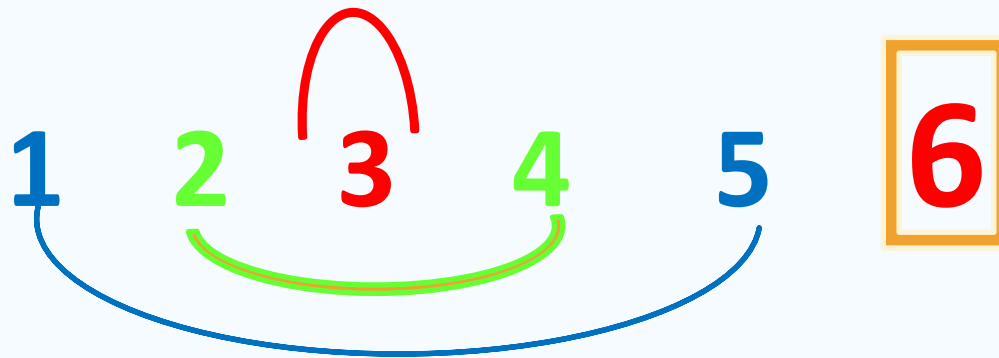
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1 2 3 4



5



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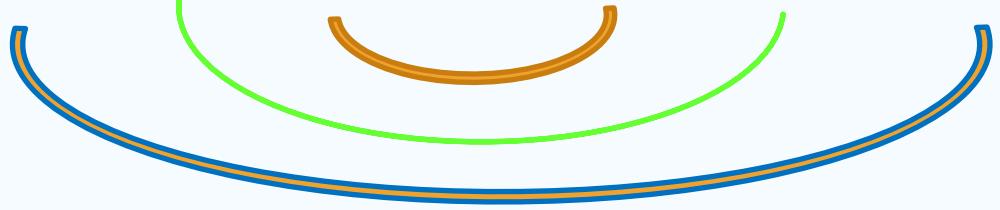
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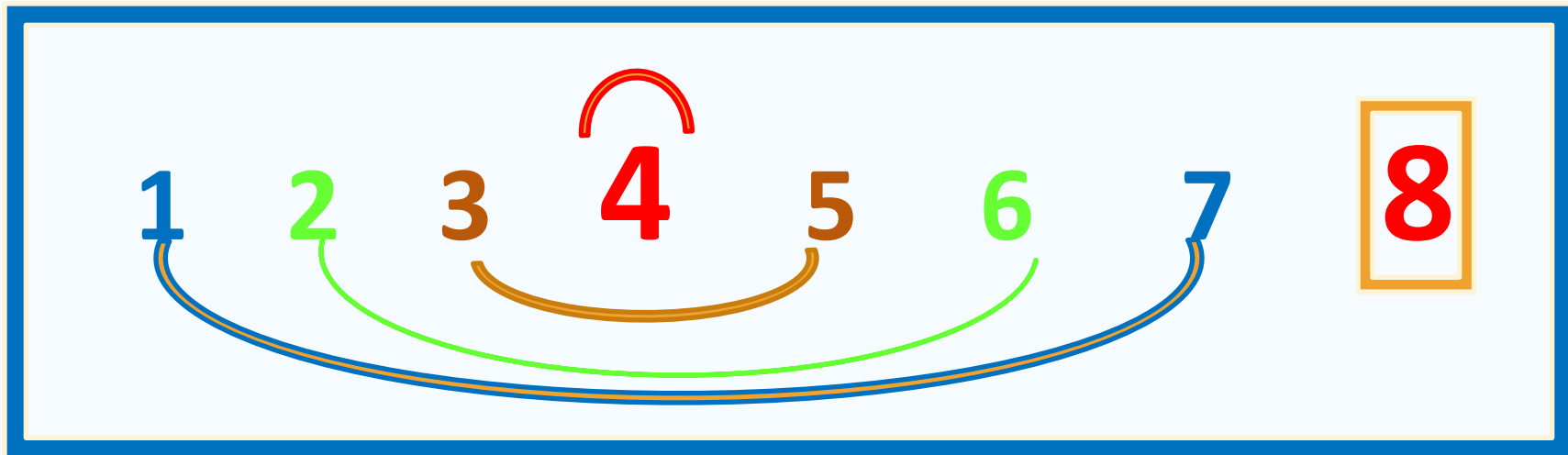
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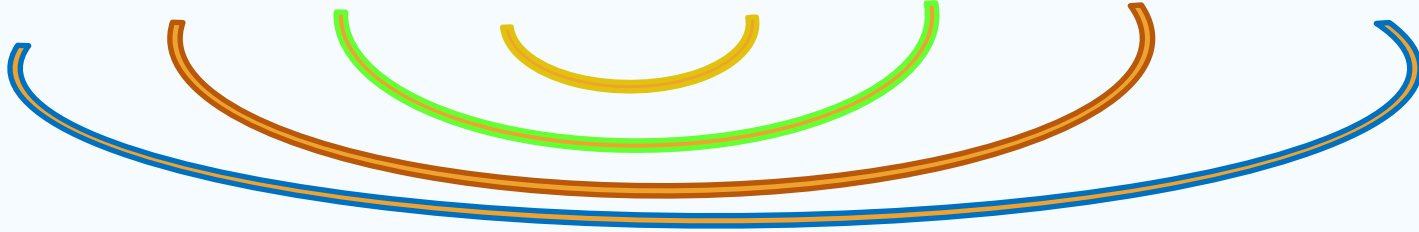
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8

9





Восстановление и совершенствование вычислительных навыков

Сложение с переходом через десяток

$$18 + 5 = 23$$

The number 5 is decomposed into 2 and 3. A blue arc connects the 8 in 18 to the 2, and another blue arc connects the 2 to the 3. The number 2 is highlighted in red.

$$18 + 5 = 18 + (2 + 3) = 23$$

Восстановление и совершенствование вычислительных навыков

Вычитание из круглого числа

The diagram illustrates the subtraction of 7 from 60. The number 60 is shown in blue, with two lines branching down to 50 (blue) and 10 (red). The equation $60 - 7 = 53$ is written in blue. A curved orange arrow points from the 10 below to the 7 in the equation, indicating that the 10 is used to subtract 7, leaving 3, which is then added to the 50 to get 53.

$$60 - 7 = (50 + 10) - 7 = 53$$

Восстановление и совершенствование вычислительных навыков

Сложение и вычитание без перехода через десяток

$$45 \pm 23$$

Восстановление и совершенствование вычислительных навыков

Вычитание однозначного числа с переходом через десяток

$$53 - 7 = 46$$

The diagram illustrates the subtraction process. The number 7 is decomposed into 3 and 4. A blue arc connects the 3 to the 3 in 53, and another blue arc connects the 4 to the 4 in 46.

$$53 - 7 = 53 - (3 + 4) = 50 - 4 = 46$$

A blue arc is drawn under the 3 in the expression $53 - (3 + 4)$, indicating the borrowing process.

Повторение действий с десятичными дробями

Сложение .

Внимание - запятая!


The diagram shows a vertical addition problem. The first number is represented by a row of seven dots followed by a red comma and three more dots. To its left is a red plus sign. The second number is represented by a row of four dots followed by a red comma and four more dots. A blue horizontal line is drawn below the second number. Below the line is a row of seven dots followed by a red comma and three more dots, representing the result of the addition.

Сложение обыкновенных дробей

The diagram illustrates the addition of two fractions. On the left, two horizontal blue lines represent the numerators of two fractions. Above each line is an orange L-shaped bracket. A red plus sign is positioned between the two lines. To the right of the second line is an equals sign, followed by a single horizontal blue line representing the denominator of the sum. A red plus sign is positioned above this line. Below the denominator line is a red-bordered box containing the number '0.'. Below the box is the number '3.', representing the denominator of the result.

$$\frac{\quad}{\quad} + \frac{\quad}{\quad} = \frac{0.}{3.}$$

Свойства логарифмов


$$\log_a b^n = n \log_a b$$

Свойства логарифмов

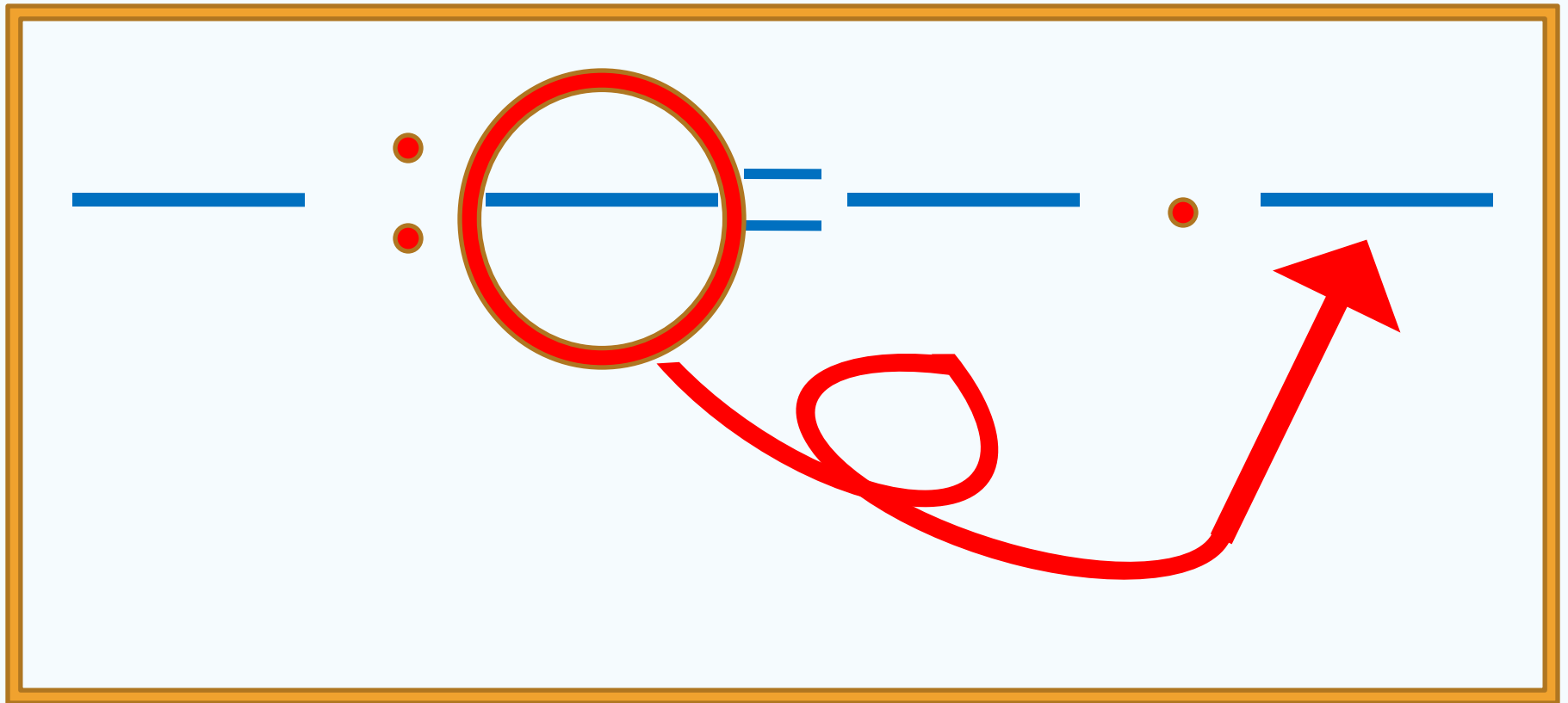
$$\log_a n^b = \frac{1}{n} \log_a b$$

The diagram illustrates the relationship between the exponent n in the logarithm and the denominator n in the fraction. A red circle highlights the n in the exponent of the left-hand side. A red arrow points from this n to the denominator n in the fraction $\frac{1}{n}$ on the right-hand side. Another red arrow points from the n in the denominator to the n in the exponent of the right-hand side, indicating that the exponent n is moved to the denominator as its reciprocal.

Умножение обыкновенных дробей

$$\text{---} \cdot \text{---} = \frac{\text{---}}{\text{---}}$$

Деление обыкновенных дробей



Умножение обыкновенных дробей

$$\frac{\quad}{\quad} \cdot \frac{\quad}{\quad} = \frac{\quad}{\quad}$$

Умножение многочленов

$$(-) \quad (+)$$

The diagram illustrates the multiplication of two binomials, $(-)$ and $(+)$. The signs are enclosed in parentheses. Red and orange arcs connect the signs to each other and to the parentheses, illustrating the distributive process.

Повторение действий с десятичными дробями

Умножение. Действие в столбик.

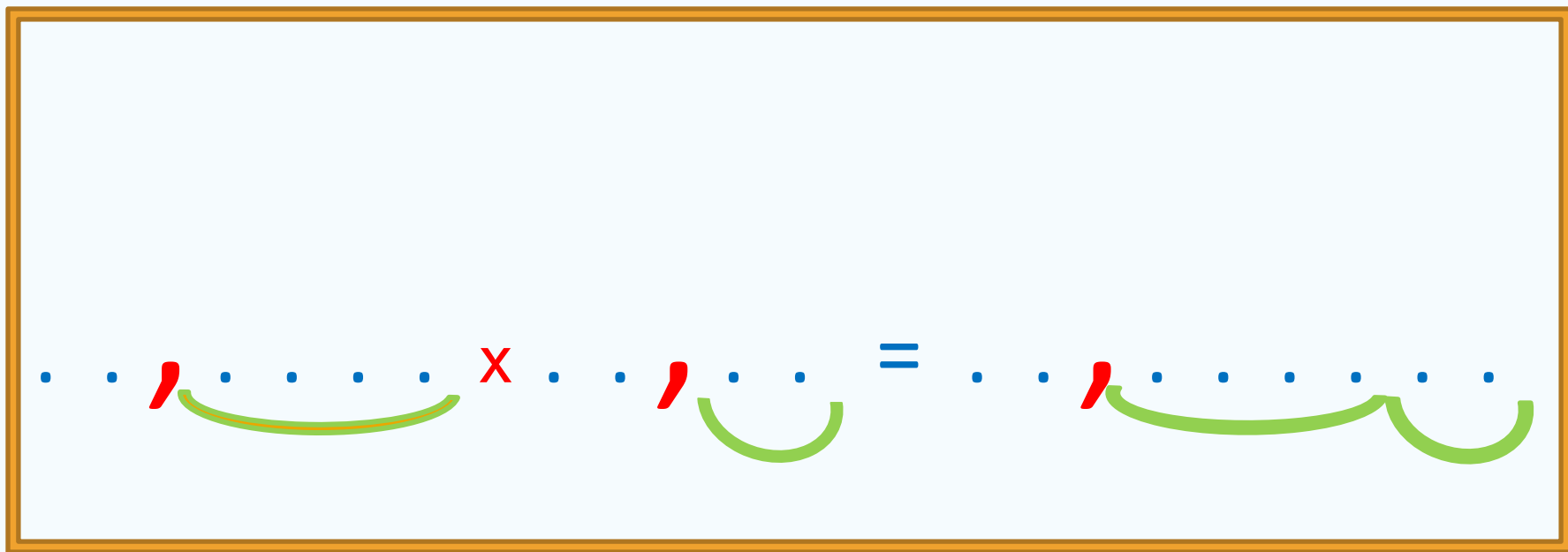
Внимание - запятая!

The diagram illustrates the multiplication of two decimal numbers in columns. A red 'X' is placed to the left of the first number. The first number has a decimal point and four digits. The second number has a decimal point and four digits. A blue horizontal line is drawn below the second number. The product is shown below the line, with a decimal point and eight digits. Red arrows point to the decimal points in the numbers and the product. Green curved lines are drawn under the digits of the numbers and the product, indicating the alignment of digits.

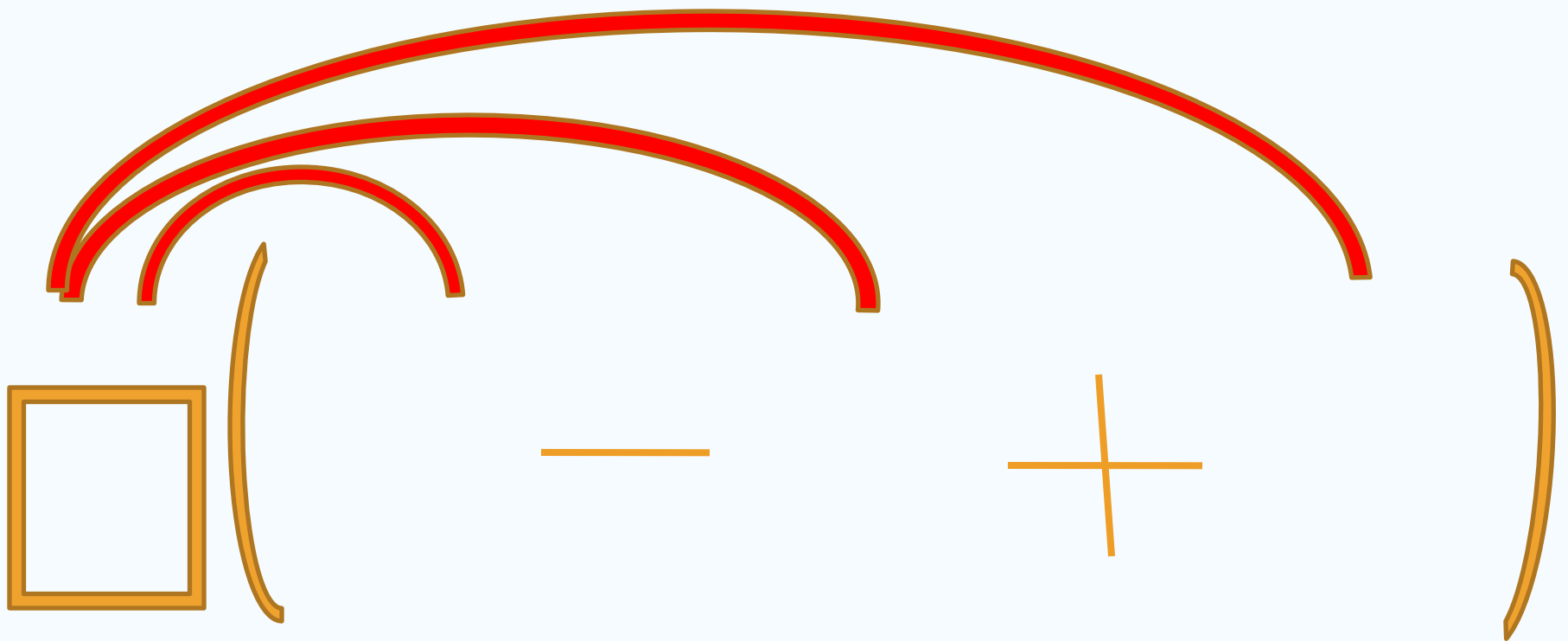
Повторение действий с десятичными дробями

Умножение. Действие в строчку.

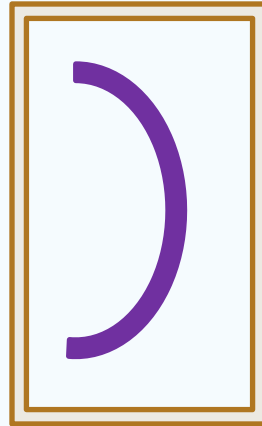
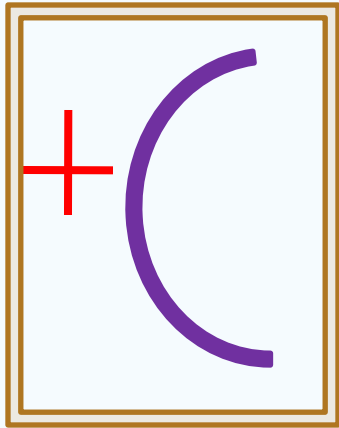
Внимание - запятая!



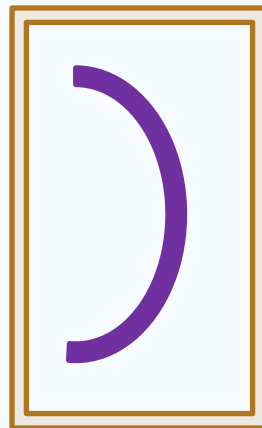
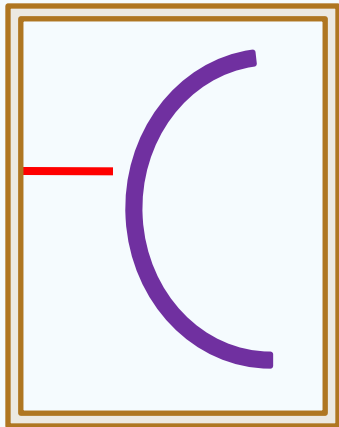
Умножение одночлена на многочлен



Правила раскрытия скобок

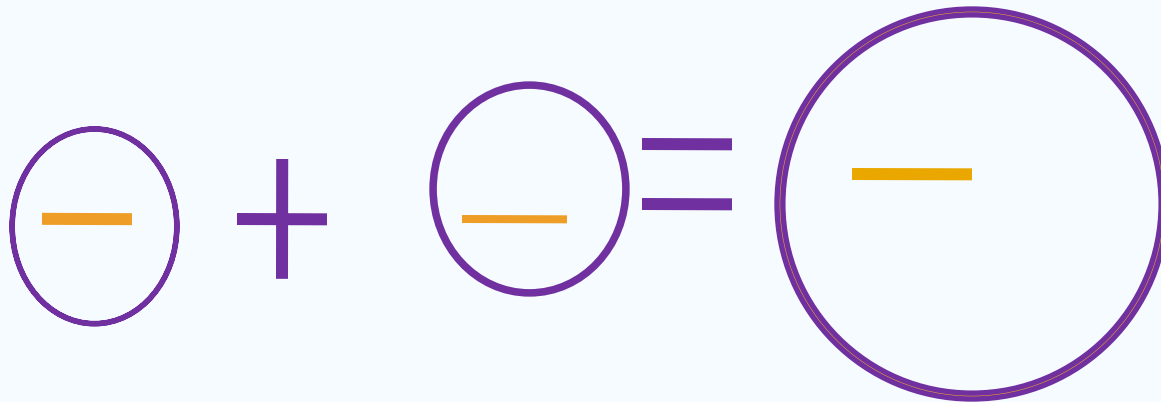


ЗНАКИ
СОХРАНЯЮТСЯ



ЗНАКИ
МЕНЯЮТСЯ

Сложение отрицательных чисел



Сложение чисел с разными знаками

