 

**Рабочая тетрадь**

урока математики по теме

**«Сложение отрицательных чисел»**

ученика (цы) 6 класса

 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Фамилия, имя учащегося

Учитель математики Ак-Тальской средней

школы Чеди-Хольского кожууна

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| 1. Правило сложения отрицательных чисел:

 Чтобы сложить отрицательные числа надо1. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_2 \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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| 1. *Найдите сумму отрицательных чисел*:

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| -11 + (-24) = |  | А |
| -12 + (-13) = |  | Б |
| -28 + (-27) = |  | У |
| -34 + (-49) = |  | М |
| -13 + (-44) = |  | П |
| -59 + (-27) = |  | Р |
| -80 + (-11) =  |  | Т |
| - 75 + (-24) = |  | Г |
| - 62 + (-36) = |  | Х |

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| 1. *Используя данные п.2, заполните таблицу*

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| -25 | -86 | -35 | -98 | -83 | -35 | -99 | -55 | -57 | -91 | -35 |

- индийский математик и астроном, первый изложивший правила действий с отрицательными числами в \_\_\_\_\_\_ году.***Положительные числа он называл «имущество», отрицательные – «долги».***1. *Выполнив следующие действия, вы узнаете дату.*

Волшебный квадрат:

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| -124 | -338 | -135 | -237 |
| -89 | -303 | -100 | -202 |
| 0 | -214 | -11 | -113 |
| -77 | -291 | -88 | -190 |

1. *Выберите одно число из каждой строки. Ячейки должны быть из разных столбцов (4 числа)* \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_2*. Вычислите сумму данных чисел* \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_3. *Найдите модуль полученного числа* \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 4. *Запишите результат* *в п.3.* |

1. Переведите на «математический» язык данные правила из книги Брахмагупты.

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| « Имущество и имущество есть имущество» |  |
| «Сумма двух долгов есть долг» |  |
| «Сумма имущества и нуля есть имущество» |  |

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| 1. *Определите верные равенства, соответствующие правилу сложения отрицательных чисел:*

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1. Придумайте слова, которые являются синонимами  понятия отрицательных чисел, которые встречаются в жизни

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1. Используя цветные карандаши и другие инструменты, придумайте:

а) схему правила сложения отрицательных чисел;

б) рисунок правила сложения отрицательных чисел.

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**Спасибо за урок! Всего хорошего!**