***«ЭРУДИТ»*** *(математика)* ***2 класс***

1. Знайка придумал ребус, в котором каждая фигура означает какую-то цифру. Одинаковые фигуры означают одинаковые цифры, разные фигуры – разные цифры. Две фигуры, стоящие рядом означают двузначное число. Решите ребус. Определите, какие цифры спрятаны за фигурами.



**Ответ:** \_\_\_\_\_\_\_\_\_\_\_

1. Из набора чисел 2, 3, 6, 8 и 9 убрали одно число, а остальные вписали в квадратики так, что получилось верное равенство. Какое число убрали?

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**Ответ:** число \_\_\_

1. Петя выписал все двузначные числа, которые начинаются на 3, а Маша выписала все двузначные числа, которые заканчиваются на 7 Кто выписал больше чисел?

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**Ответ:** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. Под буквами А и Б зашифрованы какие-то цифры. Какая цифра зашифрована под буквой А, если известно, что  **A9 + 2А = Б4**

**Ответ:** А=\_\_\_\_

1. Муми-тролль ест конфеты каждые 2 часа. В 13.00 он съел одну конфету, 15.00 – две, в 17.00 – три и так далее. Всего за этот день он съел 21 конфету. Во сколько Муми-тролль съел последнюю конфету?

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**Ответ:** \_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_ .

1. В вагоне едет 30 футболистов и 22 хоккеиста. Причём 10 человек одновременно и футболисты, и хоккеисты. Сколько спортсменов едет в вагоне?

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**Ответ:** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. В корзине лежат несколько яблок. Их меньше 10. Сколько яблок лежат в корзине, если все их можно раздать поровну двум или трём детям?

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**Ответ:** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. Впишите в клетки числа так, чтобы их сумма по вертикали, горизонтали и диагоналям была равна 15.

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1. У девочки было 18 яблок. Каждые 3 яблока она поменяла на 2 груши. А затем каждые 3 груши она поменяла на 1 конфетку. Сколько конфеток у девочки?

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**Ответ:** \_\_\_\_\_\_\_\_ конфеты

1. Аня старше Вани на 3 года. Вместе им через 2 года будет 15 лет. Сколько Ане лет?

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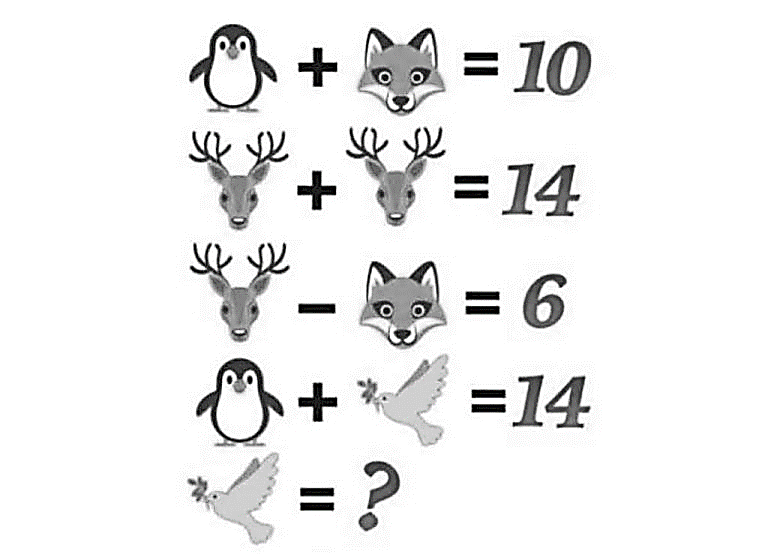
**Ответ:** \_\_\_\_ лет.

1. В пустой автобус вошли 9 мужчин и 8 женщин. Потом вошли 5 школьников и 6 студентов. Потом вышли 2 женщины и 5 мужчин. Потом вошли 4 женщины и 2 ребёнка. Сколько пассажиров едет сейчас в автобусе?

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**Ответ:** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. Реши головоломку.



**Ответ: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

1. Мать купила конфет и положила их в шкаф. Вася пришёл из школы, нашёл в шкафу конфеты и съел половину их. Коля пришёл вторым из школы и, найдя конфеты в шкафу, съел половину остатка. Сеня пришёл из школы третьим и съел половину конфет, которые остались после Коли. Когда мать взяла вечером пакет с конфетами, то в нем оказалась всего I конфета. Сколько конфет купила мать?

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**Ответ:** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_