***«ЭРУДИТ»*** *(математика)* ***3 класс***

1. Маша и Гриша через день записывают, сколько дней осталось до зимних каникул. Выбери верную запись. *В ответе укажи только номер выбранного варианта.*

1) 15, 14, 13, 12

2) 10, 12, 14, 16

3) 18, 16, 14, 12

4) 16, 14, 15, 12

**Ответ:** \_\_\_\_\_

1. Для новогодней аппликации Вика разрезала белую мишуру в 5 местах, а синюю — в 6 местах. Сколько всего маленьких кусочков мишуры у неё получилось?

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 **Ответ:** \_\_\_\_\_ кусочков

1. Ледники на земле занимают седьмую часть суши, а горы - четверть. Что занимает большую площадь?

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

1. Расшифруй комбинацию кодового замка:

а) третья цифра на 3 больше, чем первая,

б) вторая цифра на 2 больше, чем четвёртая,

в) сумма всех цифр равна 17,

г) вторая цифра 3.

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 **Ответ:**

1. Маша решала за 2 дня 12 задач. Если бы в первый день она решила на одну задачу больше, а во второй день на одну задачу меньше, то каждый день она решала бы одинаковое количество задач. Сколько задач Маша решила в первый день?

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

1. Маша решала за 2 дня 12 задач. Если бы в первый день она решила на одну задачу больше, а во второй день на одну задачу меньше, то каждый день она решала бы одинаковое количество задач. Сколько задач Маша решила в первый день?

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

1. На столе поставлены в ряд бутылка, кружка, чашка, стакан, кувшин, причём точно в таком порядке, в каком они перечислены. В них находятся различные напитки: кофе, чай, молоко, квас и минеральная вода, но неизвестно какой напиток, в каком сосуде, кроме минеральной воды. Она находится в бутылке. Если стакан поставить между сосудами с чаем и молоком, то по соседству с молоком будет квас, а кофе будет точно в середине. Определи, в какую посуду что налито, соедини стрелками.

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| чай | кофе | молоко | квас | минеральная вода |

1. Используя все известные тебе арифметические действия и скобки, составь равенства.

5 5 5 5 = 6 5 5 5 5 = 7 5 5 5 5 = 30

1. В семье четверо детей. Им 4, 8, 13 и 17 лет. Их имена – Егор, Алёша, Лена и Маша. Найди возраст каждого, если одна девочка ходит в детский сад, Лена старше Алёши, а сумма лет Алёши и Лены делится на три.

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 **Ответ: Егору -** \_\_\_\_, Алёшу - \_\_\_\_, Лене -\_\_\_\_, Маше - \_\_\_\_.

1. Периметр квадратной шоколадки равен 32 см. Вася съел часть

шоколадки так, что шоколадка осталась квадратной, но периметр

шоколадки уменьшился в 4 раза. Какова длина стороны оставшейся

шоколадки?

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 **Ответ: \_\_\_\_\_\_\_** см

1. Незнайка проголодался и пошёл перекусить в школьный буфет. В буфете два пирожка и одна булочка вместе стоят 24 рубля, а один пирожок и две булочки стоят 18 рублей. Сколько рублей стоит один пирожок?

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

1. В классе 24 ученика. Половина из них – мальчики. Ровно треть учеников класса уже выучили таблицу умножения. Известно, что 5 девочек уже в совершенстве знают таблицу умножения. Какое количество мальчиков ещё не знает таблицу умножения?

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 **Ответ: \_\_\_\_\_**мальчиков

1. Шестьдесят мандаринов разложили в три разных пакета: в первый положили на 5 мандаринов больше, чем во второй, а во второй на 10 мандаринов меньше, чем в третий. Сколько мандаринов в каждом пакете?

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 **Ответ: \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_** мандаринов.