## Проверочная работа по МАТЕМАТИКЕ

**5 класс**

**Вариант13**

## Инструкция по выполнению работы

На выполнение работы по математике даётся 45 минут. Работа содержит 9 заданий.

В заданиях, после которых есть поле со словом «Ответ», запишите ответ в указанном месте.

В задании 8 (пункт 2) нужно сделать чертёж на рисунке, данном в условии.

В заданиях, после которых есть поле со словами «Решение» и «Ответ», запишите решение и ответ в указанном месте.

Если Вы хотите изменить ответ, зачеркните его и запишите рядом новый.

При выполнении работы нельзя пользоваться учебниками, рабочими тетрадями, справочниками, калькулятором.

При необходимости можно пользоваться черновиком. Записи в черновике проверяться и оцениваться не будут.

Советуем выполнять задания в том порядке, в котором они даны. Для экономии времени пропускайте задание, которое не удаётся выполнить сразу, и переходите к следующему. Постарайтесь выполнить как можно больше заданий.

***Желаем успеха!***

*Таблица для внесения баллов участника*

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| Номер  задания | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8(1) | 8(2) | 9 | Сумма баллов | Отметка за работу |
| Баллы |  |  |  |  |  |  |  |  |  |  |  |  |

Приведите пример какого-нибудь двузначного числа, которое больше 10 и при этом делится на 21, но не делится на 6.

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| Ответ: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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В книге 87 страниц. Стас уже прочитал две трети всех страниц. Сколько страниц осталось прочитать Стасу?

**2**

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Какое число надо вписать в окошко, чтобы равенство стало верным?

**3**

–158=468

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| Ответ: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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Из двух городов одновременно навстречу друг другу выехали два автомобиля. Один ехал со скоростью 50км/ч, другой—со скоростью 80км/ч. На сколько километров больше проехал второй автомобиль до места их встречи, если расстояние между городами 520 км?

**4**

Запишите решение и ответ.

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| Решение: | | | | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| Ответ: | | | | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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В упаковке 25 ручек. Какое наименьшее количество таких упаковок нужно купить, чтобы обеспечить ручкой каждого из 690 участников олимпиады по математике?

**5**

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| Ответ: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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Найдите значение выражения 3737621918:214348219.

**6**

Запишите решение и ответ.

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| Решение: | | | | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| Ответ: | | | | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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В четырёх залах кинотеатра показывают новые фильмы. В разных залах разное количество мест и разное количество сеансов в день, но все билеты распроданы. В таблице показано количество сеансов и количество проданных билетов. Сколько мест в самом вместительном зале?

**7**

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| Зал | Количество сеансов | Количество проданных билетов |
| № 1 | 4 | 420 |
| № 2 | 6 | 540 |
| № 3 | 5 | 625 |
| № 4 | 4 | 480 |

Запишите решение и ответ.

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| Решение: | | | | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| Ответ: | | | | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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План местности разбит на квадраты. Сторона квадрата равна10м.

*B*

*A*

**8**

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# B

*A*

1. На рисунке изображён путь из точки *А* в точку *В*. Найдите длину этого пути. Ответ дайте в метрах.



*B*

*A*

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| Ответ: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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1. Изобразите какой-нибудь путь из точки *А* в точку *В* длиной 240 м.

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Оля купила пакетик орехов. Когда Оля съела один орех, число оставшихся орехов стало делиться на 2. Оля съела ещё один орех, и оказалось, что число оставшихся орехов стало делиться на 7. Сколько ещё орехов надо съесть Оле (как можно меньше), чтобы все оставшиеся орехи она смогла раздать поровну своим 14 одноклассницам?

**9**

Запишите решение и ответ.

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| Решение: | | | | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| Ответ: | | | | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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