# Проверочная работа по МАТЕМАТИКЕ

**5 КЛАСС**

# Вариант20

**Инструкция по выполнению работы**

На выполнение работы по математике даётся 45минут. 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 |  |  |  |  |  |  |  |  |  |  |  |  |

Чему равен остаток от деления числа 95 на 7?

**1**

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| Ответ: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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Четыре девятых всех учащихся класса составляют девочки. Сколько всего учащихся в этом классе, если в этом классе 15 мальчиков?

**2**

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

**3**

532– =268

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| Ответ: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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За 6 часов самолёт пролетает тоже расстояние, что и поезд проезжаетза 30 часов. Найдите скорость поезда, если скорость самолёта 700км/ч. Ответ дайте в км/ч.

**4**

Запишите решение и ответ.

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| Решение: | | | | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| Ответ: | | | | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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Для перевозки 930 тонн щебня используют вагоны, в каждый из которых загружают не более

**5**

70 тонн. Какое наименьшее количество вагонов потребуется?

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| Ответ: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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Найдите значение выражения 2354040060:801526.

**6**

Запишите решение и ответ.

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| Решение: | | | | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| Ответ: | | | | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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В магазине продаётся несколько сортов чая в разных упаковках и по различной цене. Нужно купить 1 кг чая одного сорта. Во сколько рублей обойдётся наиболее дешёвая покупка?

**7**

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| Чай | Упаковка | Цена упаковки |
| Чёрный | 500г | 390руб. |
| Зелёный с жасмином | 100г | 78руб. |
| Чёрный с бергамотом | 250г | 180руб. |
| Зелёный | 200г | 140руб. |

Запишите решение и ответ.

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| Решение: | | | | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| Ответ: | | | | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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**8**

Лист бумаги расчерчен на прямоугольники со сторонами 4 см и 3 см. От точки *А* к точке *В*

проведена ломаная по сторонам прямоугольников.

4см

3см



*A*

*C*

*B*

*D*

1. Найдите длину этой ломаной. Ответ дайте в сантиметрах.

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| Ответ: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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1. На рисунке, данном в условии, начертите по сторонам прямоугольников какую-нибудь ломаную, которая соединит точки *C* и *D* и будет иметь длину 28 см.

Каждый из семи гномов подарил Белоснежке ягоды. Первый подарил Белоснежке 11 ягод. Каждый следующий гном, если он был в шапочке, дарил Белоснежке на одну ягоду больше предыдущего. Если же гном был без шапочки, то он дарил на одну ягоду меньше предыдущего. Всего Белоснежка получила 96 ягод. Сколько гномов было без шапочки, если первый был в шапочке?

**9**

Запишите решение и ответ.

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| Решение: | | | | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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