# Проверочная работа по МАТЕМАТИКЕ

**5 класс**

**Вариант15**

# 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 20 и при этом делится на 15, но не делится на 6.

**1**

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| Ответ: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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В баке осталось ровно 18 л бензина, при этом бак заполнен на четверть. Сколько всего литров бензина помещается в бак?

**2**

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

**3**

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За 6 часов самолёт пролетает тоже расстояние, что и поезд проезжает за 30 часов. Найдите скорость поезда, если скорость самолёта 700 км/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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В упаковке 12 ручек. Какое наименьшее количество таких упаковок нужно купить, чтобы обеспечить ручкой каждого из 630 участников олимпиады по математике?

**5**

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| Ответ: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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Найдите значение выражения 420450:625713320:12.

**6**

Запишите решение и ответ.

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| Решение: | | | | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| Ответ: | | | | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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На мужской свитер нужно 1500 граммов пряжи. Данные о цене и весе одного мотка пряжи указаны в таблице. Сколько будет стоить самая дешёвая покупка? Ответ дайте в рублях.

**7**

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| Пряжа | Вес мотка,  г | Цена мотка,  руб. |
| «Афина» | 250 | 300 |
| «Лотос» | 300 | 350 |
| «Стиль» | 100 | 150 |
| «Престиж» | 500 | 600 |

Запишите решение и ответ.

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| Решение: | | | | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| Ответ: | | | | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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Лист бумаги расчерчен на прямоугольники со сторонами 7 см и 4см. От точки *А* к точке *В*

**8**

проведена ломаная по сторонам прямоугольников.

4см



7см

*C*

*A*

*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 30 см.

В большом зале 63 светильника: люстры и настенные бра. В каждой люстре 7 лампочек, в каждом бра — 2 лампочки. Число лампочек во всех люстрах равно числу лампочек во всех бра. Сколько люстр в зале?

**9**

Запишите решение и ответ.

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