# Проверочная работа по МАТЕМАТИКЕ

**5 класс**

**Вариант 16**

# 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 30 и при этом делитсяна16 ина 12.

**1**

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| Ответ: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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В магазин завезли овощи. Три седьмых всех овощей — огурцы. Сколько килограммов овощей завезли в магазин, если огурцов завезли 105кг?

**2**

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

**3**

613– =287

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| Ответ: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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За 6 часов самолёт пролетает то же расстояние, что и поезд проезжает за 50 часов. Найдите скорость поезда, если скорость самолёта 500 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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Гелевые ручки продаются в коробках по 12 штук в каждой. Нужно купить наименьшее возможное число коробок, но так, чтобы в них было не менее 250 ручек. Сколько ручек было куплено?

**5**

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| Ответ: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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Найдите значение выражения 36243:827372450:18.

**6**

Запишите решение и ответ.

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| Решение: | | | | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| Ответ: | | | | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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В магазине продаётся кофе разных сортов. Нужно купить 1 кг кофе одного сорта. Сколько будет стоить самая дешёвая покупка? Ответ дайте в рублях.

**7**

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| Сорт кофе | Вес упаковки,  г | Цена упаковки,  руб. |
| «Арабика» | 500 | 650 |
| «Илли» | 100 | 130 |
| «Робуста» | 250 | 300 |
| «Сантос» | 200 | 250 |

Запишите решение и ответ.

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| Решение: | | | | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| Ответ: | | | | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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Лист бумаги расчерчен на квадраты со стороной 6 см. От точки *А* к точке *В* проведена ломаная по сторонам квадратов.

**8**



6см

*A*

*C*

*B*

*D*

6см

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 квадратов какую-нибудь ломаную, которая соединит точки *C* и *D* и будет иметь длину 54 см.

В большом зале 40 светильников: люстры и настенные бра. В каждой люстре 5 лампочек, в каждом бра — 3 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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