**Демонстрационный вариант контрольной работы для**

**промежуточной полугодовой аттестации в 5-м классе**

**по математике в 2021-2022 учебном году**

Инструкция по выполнению работы

На выполнение проверочной работы по математике даётся 45 минут. Работа содержит 8 заданий.

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

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.

Вариант 1

1. Запишите натуральное число, которое на 113 меньше числа 56300.

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| Ответ: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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1. Пятая часть числа равна 17. Найдите это число.

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| Ответ: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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1. При каком значении х верно равенство **х : 55 = 12** ?

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| Ответ: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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1. Два билета в зоопарк стоят 480 рублей. Столько же стоят три билета в кино. На сколько рублей билет в зоопарк дороже билета в кино? Запишите решение и ответ.

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| Решение:  Ответ: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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1. Группа туристов, состоящая из 85 человек, разместилась в четырёхместных гостиничных номерах. Сколько номеров занято полностью?

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| Ответ: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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1. Найдите значение выражения **7225: 85 + 64 · 2345 − 248838: 619**. Запишите решение и ответ.

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| Решение:  Ответ: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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1. В магазине продается несколько видов творога в различных упаковках и по различной цене. Какова наименьшая цена за 2 кг творога среди данных в таблице видов?

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| Упаковка | Цена за упаковку |
| 400 г | 66 руб. |
| 500 г | 73 руб. |
| 400 г | 68 руб. |
| 500 г | 78 руб. |

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| Решение:  Ответ: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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8.

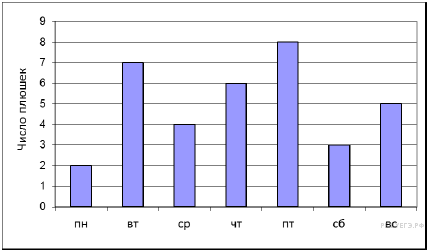
1. Баскетбольная команда детской спортивной школы встречалась с командами нескольких школ. Количество очков, набранных игроками, тренер записывал в таблицу. Используя таблицу, ответьте на вопрос.

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| Номер игры | Артём | Тимур | Владимир |
| Первая игра | 2 | 9 | 9 |
| Вторая игра | 6 | 5 | 8 |
| Третья игра | 8 | 2 | 7 |
| Четвёртая игра | 4 | 10 | 9 |

Сколько очков набрал Владимир в третьей игре?

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| Ответ: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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1. На диаграмме показано, сколько плюшек съедал Карлсон в каждый день недели. Пользуясь этими данными, ответьте на вопрос.



Сколько всего плюшек съел Карлсон за четыре первых дня недели?

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| Ответ: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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Вариант 2

1. Напишите число, которое на 1756 больше числа 8999.

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| Ответ: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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1. Третья часть числа равна 27. Найдите это число.

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| Ответ: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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1. При каком значении х верно равенство **х: 28 = 35**?

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| Ответ: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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1. Два билета в зоопарк стоят 360 рублей. Столько же стоят три билета в кино. На сколько рублей билет в зоопарк дороже билета в кино? Запишите решение и ответ.

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| Решение:  Ответ: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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1. В классе 30 учеников. На уроке физкультуры их построили в шеренги по 8 человек. Сколько было полных шеренг?

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| Ответ: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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1. Найдите значение выражения **54 · 3465 − 9016 : 92 + 360272 : 712**. Запишите решение и ответ.

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| Решение:  Ответ: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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1. В магазине продаётся несколько видов творога в различных упаковках и по различной цене. В таблице показана масса каждой упаковки и её цена. Какова наименьшая цена за 1 килограмм творога?

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| --- | --- | --- |
| Упаковка | Масса упаковки | Цена за упаковку |
| 1 | 200 г | 52 руб. |
| 2 | 250 г | 62 руб. |
| 3 | 500 г | 125 руб. |
| 4 | 200 г | 85 руб. |

Запишите решение и ответ.

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| Решение:  Ответ: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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8.

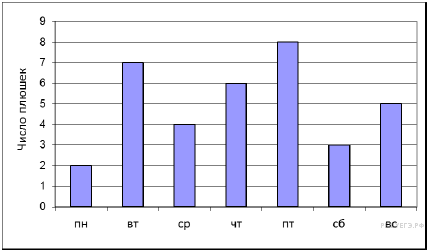
1) Ниже приведены данные о количестве различных отметок по математике за четвёртую четверть в разных классах одной школы. Используя эти данные, ответь на вопросы.

|  |  |  |  |
| --- | --- | --- | --- |
| Класс | Отметка «3» | Отметка «4» | Отметка «5» |
| 4 «А» | 6 | 11 | 6 |
| 4 «Б» | 2 | 13 | 8 |
| 4 «В» | 5 | 12 | 5 |
| 4 «Г» | 7 | 9 | 10 |

Сколько пятёрок по математике в 4 «Г» классе?

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Ответ: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

2) На диаграмме показано, сколько плюшек съедал Карлсон в каждый день недели. Пользуясь этими данными, ответьте на вопрос.



Сколько всего плюшек съел Карлсон за три первых дня недели?

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Ответ: |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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**Оценивание отдельных заданий**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Номер задания** | **1** | **2** | **3** | **4** | **5** | **6** | **7** | **8.1** | **8.2** |
| **Балл** | **1** | **1** | **1** | **1** | **1** | **2** | **2** | **1** | **1** |

**Ответы**

|  |  |  |
| --- | --- | --- |
| **№** | **1 вариант** | **2 вариант** |
| **1** | 56187 | 10755 |
| **2** | 85 | 81 |
| **3** | 660 | 980 |
| **4** | На 80 рублей | На 60 рублей |
| **5** | 21 | 3 |
| **6** | 1. 7225 : 85 = 85 2. 2345 \* 64 = 150080 3. 248838 : 619 = 402 4. 150080 + 85 = 150165 5. 150165 – 402 = 149763     Ответ: 149763. | 1. 54 \* 3465 = 187110 2. 9016 : 92 = 98 3. 360272 : 712 = 506 4. 187110 – 98 = 187012 5. 187012 + 506 = 187518   Ответ: 187518. |
| **7** | 292 | 248 |
| **8.1** | 7 | 10 |
| **8.2** | 19 | 13 |

**Система оценивания выполнения всей работы**

**Максимальный балл за выполнение работы − 11.**

**Рекомендации по переводу первичных баллов в отметки по пятибалльной шкале**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Отметка по пятибалльной шкале** | **«2»** | **«3»** | **«4»** | **«5»** |
| **Первичные баллы** | **0–3** | **4-6** | **7-9** | **10-11** |