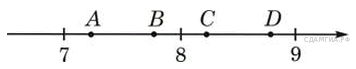
**Демонстрационный вариант промежуточной (итоговой) контрольной работы по алгебре 8 класс**

**ФИО** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. Найдите значение выражения .

Ответ: \_\_\_\_\_\_\_\_\_\_\_

1. Одна из точек, отмеченных на координатной прямой, соответствует числу . Какая это точка?



*В ответе укажите номер правильного варианта.*

1. точка *А*
2. точка *В*
3. точка *С*
4. точка *D.*

Ответ: \_\_\_\_\_\_\_\_\_\_

1. В каком случае числа , и 5 расположены в порядке возрастания?

В ответе укажите номер правильного варианта.

Ответ: \_\_\_\_\_\_\_\_\_\_\_

1. Найдите корни уравнения .

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| Решение: | | | | | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| Ответ: | | | | | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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1. Установите соответствие между графиками функций и формулами, которые их задают.

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| А | Б | В |
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1)  2)  3)  4)

Запишите в ответ цифры, расположив их в порядке, соответствующем буквам:

Ответ:

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| А | Б | В |
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1. Найдите значение выражения при , .

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| Решение: | | | | | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| Ответ: | | | | | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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1. Сократите дробь

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| Решение: | | | | | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| Ответ: | | | | | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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1. Решите уравнение

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| Решение: | | | | | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| Ответ: | | | | | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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**Система оценивания контрольной работы**

**Оценивание отдельных заданий**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Номер  задания | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | Итого |
| Балл | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 11 |

**Для классов КРО необходимо выполнить задания №1-5.**

**Критерии оценивания работы:**

|  |  |  |  |
| --- | --- | --- | --- |
| «2» | «3» | «4» | «5» |
| 0 – 4 балла | 5 – 6 баллов | 7 – 8 баллов | 9 – 11 баллов |

**Ответы:**

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| **Номер задания** | **Правильный ответ** |
| 1 | 0,48 |
| 2 | 3 |
| 3 | 1 |
| 4 |  |
| 5 | 142 |
| 6 | -2 |
| 7 |  |
| 8 | - 5,2 и 3 |