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

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

Вариант – 1

Один из углов параллелограмма равен 74°. Найдите больший угол этого параллелограмма. Ответ дайте в градусах.

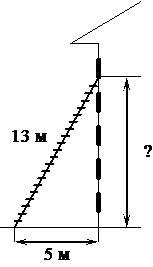
Ответ: \_\_\_\_\_\_\_\_\_\_\_\_

 Основания трапеции равны 3 и 9, а высота равна 5. Найдите среднюю линию этой трапеции.

Ответ: \_\_\_\_\_\_\_\_\_\_\_\_\_\_

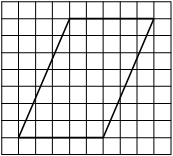
1. В треугольнике *ABC*угол *C* равен 90°, *AC* = 6, *AB* = 10. Найдите .

Ответ: \_\_\_\_\_\_\_\_\_\_\_\_\_

1. 

Пожарную лестницу длиной 13 м приставили к окну пятого этажа дома. Нижний конец лестницы отстоит от стены на 5 м. На какой высоте расположено окно? Ответ дайте в метрах.

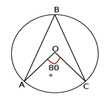
Ответ: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_



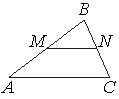
На клетчатой бумаге с размером клетки 1×1 изображён параллелограмм. Найдите его площадь.

Ответ: \_\_\_\_\_\_\_\_\_\_\_



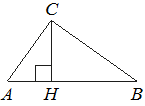
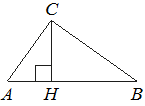
 Найти

Ответ: \_\_\_\_\_\_\_\_\_\_\_\_\_



Прямая, параллельная стороне *AC* треугольника *ABC*, пересекает стороны *AB*и *BC* в точках *M* и *N* соответственно, *AB* = 9, *AC* = 18, *MN* = 8. Найдите AM.

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| Решение: | | | | | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| Ответ: | | | | | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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 На гипотенузу *AB* прямоугольного треугольника *ABC*

опущена высота *CH*, *AH* = 2, *BH* = 18. Найдите *CH*.

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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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 | 1 | 2 | 2 | 10 |

**Для классов КРО необходимо выполнить задания №1-6.**

**Критерии оценивания работы:**

|  |  |  |  |
| --- | --- | --- | --- |
| «2» | «3» | «4» | «5» |
| 0 – 4 балла | 5 – 6 баллов | 7 – 8 баллов | 9 – 10 баллов |

**Ответы:**

|  |  |
| --- | --- |
| **Номер задания** | **Правильный ответ** |
| 1 | 106 |
| 2 | 30 |
| 3 | 0,6 |
| 4 | 12 м |
| 5 | 35 |
| 6 | 40 |
| 7 | 5 см |
| 8 | 6 см |