**Итоговая контрольная работа по геометрии**

**обучающего(ей)ся 8 класса** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Вариант 1**

Часть А

*К каждому заданию этой части даны 4 варианта ответа, из которых только один верный. Запишите цифру, которая обозначает номер выбранного ответа*

**A1. Вставьте пропущенное слово так, чтобы утверждение было верным.**

**Прямоугольник это……….., у которого все углы прямые.**

1) трапеция 2) четырехугольник

3) ромб 4) параллелограмм

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| Ответ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

**A2. Периметр квадрата равна 48 см. Чему равна площадь данного квадрата?**

1) 123 кв см 2) 8 3 кв см 3) 16 3кв см 4) 144 кв см

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| Ответ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

Часть B

*К каждому заданию этой части записать краткий ответ*

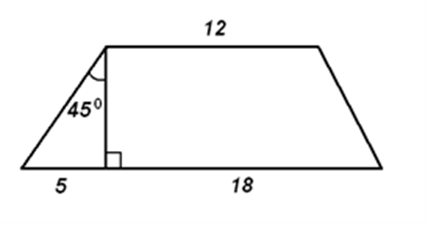
**В1. Катеты прямоугольного треугольника равны 6 и 8. Найдите гипотенузу.**

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| Ответ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

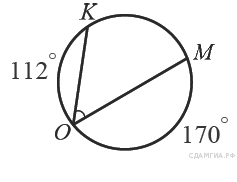
**В2. Найдите среднюю линию трапеции, если её основания равны 16 и 32.**

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| Ответ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

**B3. Найдите площадь трапеции, изображённой на рисунке:**



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| Ответ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

Часть С

*В задании части С приведите полное решение*

**С1.** Дана окружность с центром в точке *O*. *AB* –диаметр, точка *C*отмечена на окружности, угол *A* равен 470 . Найдите угол *C* и угол *B*.

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| Решение |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| Ответ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

**С2.** Най­ди­те  ∠*KOM*, если гра­дус­ные меры дуг  *KO*  и  *OM*  равны 112° и 170° со­от­вет­ствен­но.

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| Решение |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| Ответ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

**Шкала оценивания итогового теста за 8 класс:** задания **части А** -1 балл, задания **части В** -2 балла, **С**-3 балла. Максимальный балл -модуль «Геометрия»-14.

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| **оценка «2»** | **оценка «3»** | **оценка «4»** | **оценка «5»** |
| **Модуль «Геометрия** | | | |
| **0-4** | **5-8** | **9-11** | **12-14** |

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|  | **Общее количество баллов** | **Оценка** |
| **Модуль «геометрия»** |  |  |

**Итоговая контрольная работа по геометрии**

**обучающего(ей)ся 8 класса** \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Вариант 2**

Часть А

*К каждому заданию этой части даны 4 варианта ответа, из которых только один верный. Запишите цифру, которая обозначает номер выбранного ответа*

**A1. Вставьте пропущенное слово так, чтобы утверждение было верным.**

**Диагонали ………….равны.**

1) четырехугольника 2) ромба

3) прямоугольника 4) трапеции

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| Ответ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

**A2. Периметр квадрата равна 64 см. Чему равна площадь данного квадрата?**

1) 123 кв см 2) 256 кв см 3) 163 кв см 4) 144 кв см

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| Ответ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

Часть B

*К каждому заданию этой части записать краткий ответ*

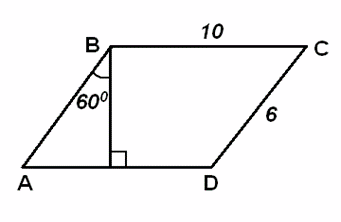
**В4. Катеты прямоугольного треугольника равны 5 и 12. Найдите гипотенузу.**

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| Ответ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

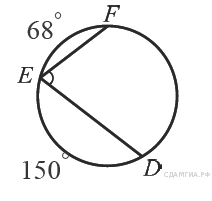
**В5. Найдите среднюю линию трапеции, если её основания равны 16 и 24.**

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| Ответ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

**B7. Найдите площадь параллелограмма, изображённого на рисунке:**

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| Ответ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

Часть С

*В задании части С приведите полное решение*

**С1**. Дана окружность с центром в точке *O*. *AB* –диаметр, точка *C*отмечена на окружности, угол *A* равен 510 . Найдите угол *C* и угол *B*.

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| Решение |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| Ответ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

**С2**. Най­ди­те ∠*DEF*, если гра­дус­ные меры дуг *DE* и *EF* равны 150° и 68° со­от­вет­ствен­но.

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| Решение |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| Ответ |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

**Шкала оценивания итогового теста за 8 класс:** задания **части А** -1 балл, задания **части В** -2 балла, **С**-3 балла. Максимальный балл -модуль «Геометрия»-14.

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| **оценка «2»** | **оценка «3»** | **оценка «4»** | **оценка «5»** |
| **Модуль «Геометрия** | | | |
| **0-4** | **5-8** | **9-11** | **12-14** |

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|  | **Общее количество баллов** | **Оценка** |
| **Модуль «геометрия»** |  |  |