**Муниципальное бюджетное общеобразовательное учреждение –**

**лицей № 18 г. Орла**

диагностическая работа в ходе промежуточной аттестации по алгебре

Ученика(цы) 7 «\_\_\_» класса

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имя фамилия

1. Упростите 9(*а* 1)  5  ­­­­­­­­­­­­­­­­­­­­­­­­­­­­­­­­­­­­­­­­­­­­­­­­­­­­­­­­­­­­­­­­­­­­­­­­­­­­­­­­­­­­­­­­­­­­­­­­­­­­­­­­­­­­­­­­­­­­­­­­­­­­­­­­­­\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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2. Вынесите общий множитель за скобки 8*а*4  6*а*3 

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Решите уравнение 5  2*х* 1  4  *х*

 Ответ:\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 1 балл

4. Представьте многочлен в виде произведения *а*2  4*a*  *ab*  4*b* 

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5. Вычислите координаты точки пересечения графиков функций (не выполняя построений)

 *у*  2,7*x*  8 и *у*  1,2*x*  7

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6. Решите уравнение *х*  52  *х* 12  48

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**Критерии оценивания:**

отметка «5» - 8 баллов

отметка «4» - 6-7 баллов

отметка «3» - 4-5 баллов

отметка «2» - 3 и менее баллов