**Algebra II Interventions – Systems of Linear Equations Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Show all work!!**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|

|  |  |
| --- | --- |
| **1**. | **Solve and check:** ***x* + *y* = 1*x* + 3*y* = 9**  |
|  | [**Answer**](http://www.regentsprep.org/Regents/math/ALGEBRA/AE3/ans1.htm) |

 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|

|  |  |
| --- | --- |
| **2**. | **Solve and check:** **3*x* + *y* = 13*x* + 6*y* = -7**  |
|  | [**Answer**](http://www.regentsprep.org/Regents/math/ALGEBRA/AE3/ans2.htm) |

 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|

|  |  |
| --- | --- |
| **3**. | **Solve and check:** **5*a* - 2*b* = 32*a* - *b* = 0**  |
|  | [**Answer**](http://www.regentsprep.org/Regents/math/ALGEBRA/AE3/ans3.htm) |

 |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|

|  |  |
| --- | --- |
| **4**. | **Solve and check:** ***x*  + 2*y* = 8*x*  - 2*y* = 4**  |
|  | [**Answer**](http://www.regentsprep.org/Regents/math/ALGEBRA/AE3/ans4.htm) |

 |