###

### Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Solving Equations and Inequalities**

Show all work for the problems below. Write your final solutions in the box. (3 points each)

|  |  |
| --- | --- |
| 1.  | 2.  |
| 3.  | 4.  |
| 5.  | 6.  |
| 7.  | 8. Solve the inequality and graph the solution  |

**Evaluating Algebraic Expressions**

Show all work for the problems below. Write your final solutions in the box. (2 points each)

|  |  |
| --- | --- |
| 9. If a = 2, b = -5 and c = -3,  Evaluate  | 10. If a = 2, b = -5 and c = -3,  Evaluate  |

### Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Solving Equations and Inequalities**

Show all work for the problems below. Write your final solutions in the box. (3 points each)

|  |  |
| --- | --- |
| 1.  | 2.  |
| 3.  | 4.  |
| 5.  | 6.  |

**Evaluating Algebraic Expressions**

Show all work for the problems below. Write your final solutions in the box. (2 points each)

|  |  |
| --- | --- |
| 7. Simplify the expression below.   | 8. Simplify the expression below.  |
| 9. If a = 4, b = -3 and c = -2,  Evaluate:  | 10. If a = -7, b = -4 and c = 2,  Evaluate:  |

### Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Solving Equations and Inequalities**

Show all work for the problems below. Write your final solutions in the box. (3 points each)

|  |  |
| --- | --- |
| 1.  | 2.  |
| 3.  | 4.  |
| 5.  | 6.  |

**Evaluating Algebraic Expressions**

Show all work for the problems below. Write your final solutions in the box. (2 points each)

|  |  |
| --- | --- |
| 7. If a = 2, b = -5 and c = -3,  Evaluate:  | 8. If x = 3 and y = -4,  Evaluate:  |
| 9.  | 10.  |

### Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Solving Equations and Inequalities**

Show all work for the problems below. Write your final solutions in the box. (3 points each)

|  |  |
| --- | --- |
| 1.  | 2.  |
| 3.  | 4.  |
| 5. If 2x + 13 = 17, find the value of 3x +1.  | 6. Write an equation and then solve: The sum of two times a number and 5 is 11.  |

**Evaluating Algebraic Expressions**

Find the value for each variable expression when a = -4 and b = 2 (2 points each)

|  |  |
| --- | --- |
| 7.  | 8.  |
| 9.  | 10.  |