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### 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. |