GSE Algebra 1 **8.8 – The Quadratic Formula** **Notes**



|  |
| --- |
| Quadratic Formula  |

Equation: ***a*** = \_\_\_\_\_ ***b*** = \_\_\_\_\_ ***c*** = \_\_\_\_\_

**Practice**

**Quadratic Formula**

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

 

**Directions:**

* Solve each equation using the quadratic formula, write out the formula for each problem.
* Be sure to show all steps and substitution.

|  |  |
| --- | --- |
| 1.) a = \_\_\_\_\_\_ b = \_\_\_\_\_\_ c = \_\_\_\_\_\_*x* = { } | 2.) a = \_\_\_\_\_\_ b = \_\_\_\_\_\_ c = \_\_\_\_\_\_ |
| 3.) a = \_\_\_\_\_\_ b = \_\_\_\_\_\_ c = \_\_\_\_\_\_ | 4.) a = \_\_\_\_\_\_ b = \_\_\_\_\_\_ c = \_\_\_\_\_\_ |
| 5.) a = \_\_\_\_\_\_ b = \_\_\_\_\_\_ c = \_\_\_\_\_\_ | 6.) a = \_\_\_\_\_\_ b = \_\_\_\_\_\_ c = \_\_\_\_\_\_ |

GSE Algebra 1 **HW #8.8**  Name: \_\_\_\_\_\_\_\_\_\_\_\_

Use the quadratic formula to solve for all the following.

1. 2)
2. 4)
3. 6)
4. 8)