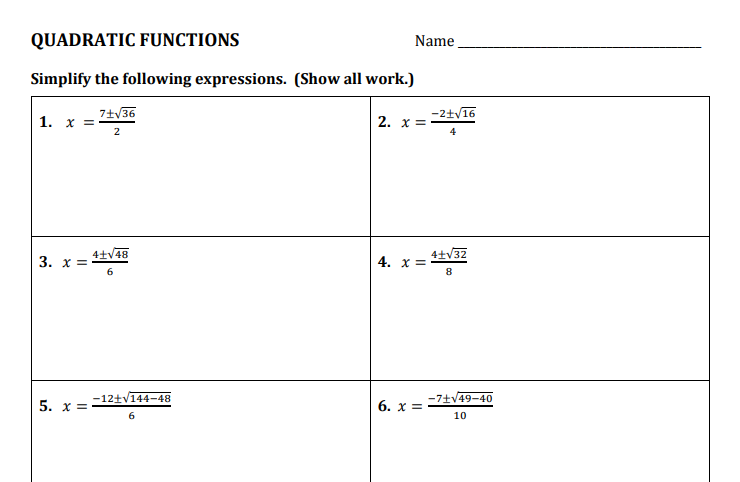
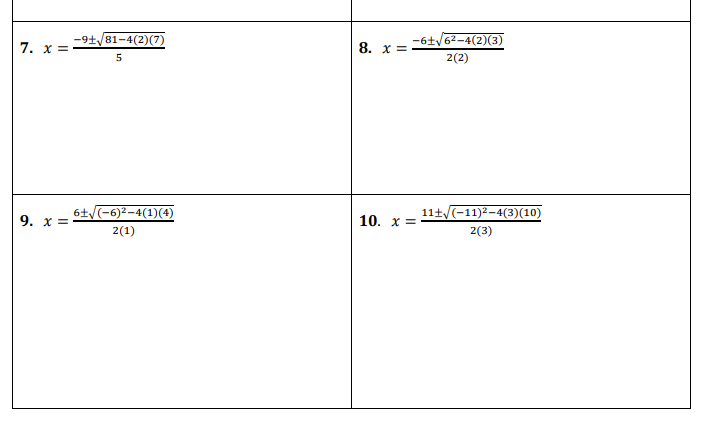
GSE Algebra 1 **8.8 – The Quadratic Formula** **Notes**



|  |
| --- |
| 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)