Name(s) \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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|  | 4 | 3 | 2 | 1 | 0 |
| **Title Page**  Includes  1) Creative Title,  2) Name(s)  3) Block  4) Date | Has all 4 components | Missing 1 component | Missing 2 components | Missing 3 components | Missing all 4 components |
| **Story**  Includes:  1) original story not from class  2) gives quadratic formula modeling story  3) quadratic formula has realistic y-intercept  4) quadratic formula produces realistic values (roots, vertex) | Has all 4 components | Missing 1 component | Missing 2 components | Missing 3 components | Missing all 4 components |
| **Questions**  Asks 4 different questions that must use knowledge of quadratic formulas to solve | Has all 4 questions that use knowledge of quadratic formulas to solve | Has 3 questions that use knowledge of quadratic formulas to solve | Has 2 questions that use knowledge of quadratic formulas to solve | Has 1 question that use knowledge of quadratic formulas to solve | Has No questions that use knowledge of quadratic formulas to solve |
| **Solutions to Questions**  1) one slide per solution  2) must show formulas being used  3) Must show correct work for each problem  4) Must state correct solution in a complete sentence with correct units. | Has all 4 components | Missing 1 component | Missing 2 components | Missing 3 components | Missing all 4 components |
| **Parabola**  1) Includes picture of a parabola  2) Parabola has correct y-intercept  3) Parabola has correct vertex  4) Parabola has correct roots | Has all 4 components | Missing 1 component | Missing 2 components | Missing 3 components | Missing all 4 components |
| **Picture**  Must include 4 pictures | Includes 4 pictures | Includes 3 pictures | Includes 2 pictures | Includes 1 pictures | Includes No pictures |

Total Score: \_\_\_\_\_\_\_\_\_\_/24 points

Comments: