

# Systems of Equations & Inequalities

## Algebra I – Inspiration Project

### SCORING RUBRIC

Student Name: \_\_\_\_\_

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

Title (2 pts) \_\_\_\_\_

Student Name(s) (2pts) \_\_\_\_\_

Definition of *linear system* (3 pts) \_\_\_\_\_

How to determine the solution of a linear system (7 pts) \_\_\_\_\_

Steps to solving a linear system of equations by **graphing** (12 pts) \_\_\_\_\_

Circumstances under which the *graphing* method is useful (5 pts) \_\_\_\_\_

Possible number of solutions a system can have and what makes these solutions happen. (10 pts) \_\_\_\_\_

Steps to solving a linear system of equations by **substitution** (12 pts) \_\_\_\_\_

Circumstances under which the *substitution* method is useful (5 pts) \_\_\_\_\_

Steps to solving a linear system of equations by **combination (elimination)** (12pts) \_\_\_\_\_

Circumstances under which the *combination/elimination* method is useful (5 pts) \_\_\_\_\_

Definition of *a system of linear inequalities* (3 pts) \_\_\_\_\_

How to determine the *solution of a system of linear inequalities* (7 pts) \_\_\_\_\_

Steps to solving a *system of linear inequalities* – in **your own words** (10 pts) \_\_\_\_\_

**Properly citing media taken from internet** (5 pts) \_\_\_\_\_

EXTRA CREDIT: appropriate clip-art, video clips, mathematically appropriate pictures, etc. (up to 10 pts) \_\_\_\_\_

GRAND TOTAL (PROJECT GRADE)