Quiz/Test DATE:	**Algebra I 100pt Daily Path to Success**	Today's Section:

Full Student Name:	1/2 5/6 7/8	Date:

Opening Checklist (15 points) — Initials

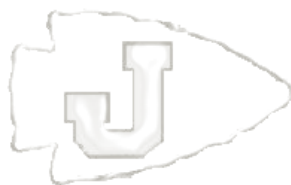|	/5	
1. I had my math notes folder and daily papers ON MY DESK by the time class began.	/5	
2. I had been using a SHARPENED pencil by the time class began.	/5	
3. I had FINISHED copying the objective and had STARTED defining the Word of the Day by the time class began.	/5	

Do Now (10 points) – Copy the Objective and define the Word of the Day. — Initials

Obj:

Word of
the Day
& Defn:

	/10	

Skill Review (10 points) – Show ALL work necessary. — Initials

	/10	

Practice (30 points) — Initials

Completed & Turned In Stations Worksheet - Graded for Effort + Correctness	/30	

Exit Ticket (10 points) – Complete INDEPENDENTLY and SILENTLY. — Initials

	/10	

Completed Notes Page (10 points)	/10
Participated Productively & Earned the Appropriate Number of Teacher Checkmarks	/10

Review Writing Equations in Standard Form: $Ax + By = C$

Keywords to Show Multiply:

**These words usually tell you what to multiply by x or by y.

**There is usually another number given, the _____, which is C in $Ax + By = C$.

Sometimes, these words are *implicit*, meaning the problem does not use them, but we have to *think* them.

Define variables for each scenario. Write 2 standard form equations. SET UP the system to solve by elimination.

1) By car and by train, a business woman travels 500 miles in 13 hours. The car traveled at a rate of 50mph. The train traveled at a rate of 35mph. How many hours did she spend on each type of transportation?

2) The Ramy family bought 4 sandwiches and 3 salads. They spent $24. The Johnson family bought 2 sandwiches and 6 salads and spent $30. How much does 1 sandwich cost? How much does 1 salad cost?

Define variables for each scenario. Write 2 standard form equations. SOLVE the system by elimination.

3) Louise has $36 in five-dollar bills and singles. She has 8 total bills. How many of each bill does she have?

4) Lisa is selling tickets to the school's annual talent show. On the first day of ticket sales, she sold 4 senior citizen tickets and 5 student tickets for a total of $102. The next day, her revenue was $126 from 7 senior citizen tickets and 5 student tickets. What is the price of 1 senior citizen ticket? Of 1 student ticket?