Quiz/Test DATE:		Today's Section:

Algebra I 100pt Daily Path to Success

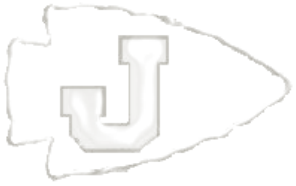
Full Student Name:	1/2 5/6 7/8	Date:	

Opening Checklist (15 points)		Initials
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.

Notes (20 points) Initials

Completed Notes Page/Activity	/10	
Earned the Appropriate Number of Teacher Checkmarks	/10	

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

a)

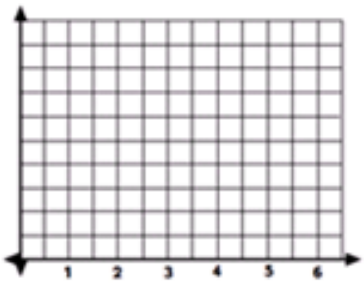
x	0	1	2	3	4	5	6
y	4	7	10	13	16	19	22

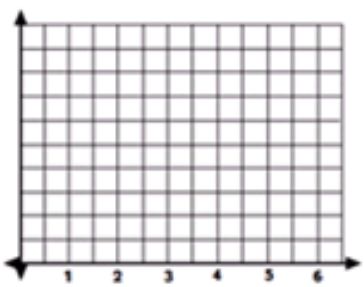
b)

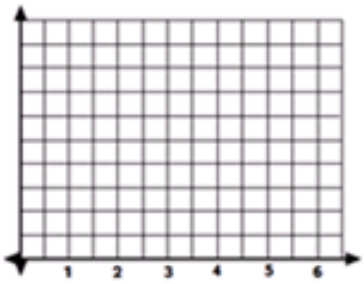
x	0	1	2	3	4	5	6
y	3	6	12	24	48	96	192

c)

x	0	1	2	3	4	5	6
y	1	3	7	13	21	31	43

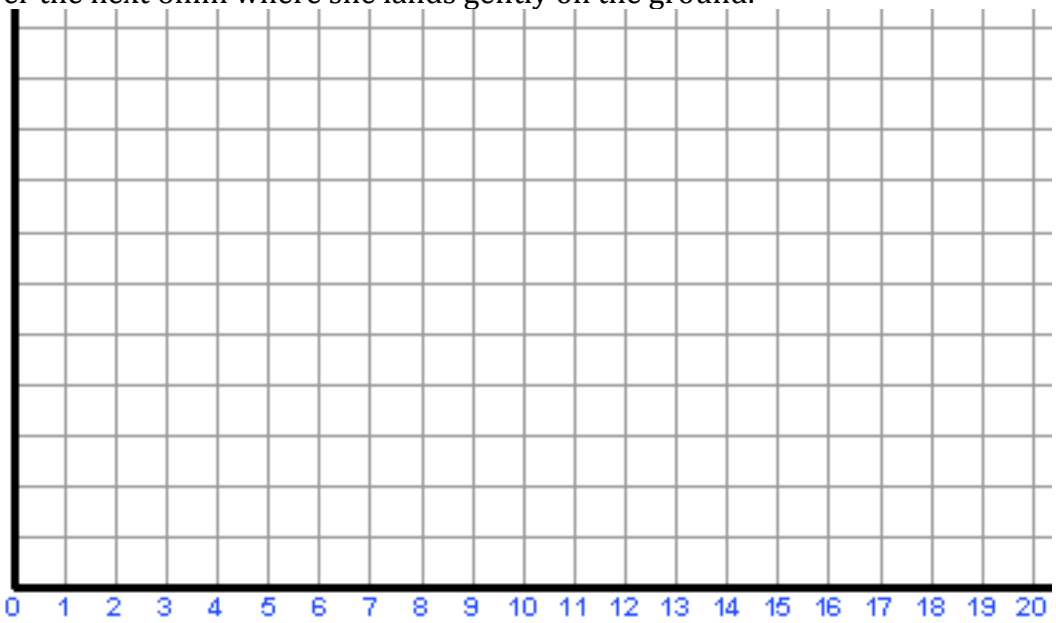






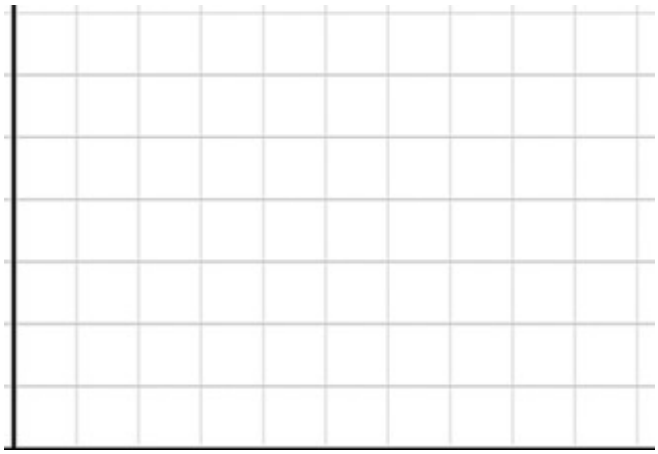
Practice (30 points)	/30

1) Draw a graph to match the story. *Think about when you would draw a line versus a curve.*
Jamaya is going sky-diving! She gets into an airplane and waits on the pavement for 2min. Then the plane takes off, climbing steadily to 10,000ft over the next 10min. After 1min of waiting at 10,000ft, Jamaya jumps from the plane and free falls for 2min. Deploying her parachute at 2,000ft, she slowly glides back to Earth over the next 6min where she lands gently on the ground.



2) Radioactive elements experience exponential decay. Every half-life, the amount of the element is cut in half. The half-life of Magnesium-27 is approximately 10min. If a scientist starts with 1000 grams of Mg-27, how long is it until the scientist has fewer than 50 grams left? Make a table and a graph.

Time (min)	Mg-27 (g)



Is the rate of decay faster at the beginning of the scientist's experiment or towards the end? How do you know?