Stories and	Equations
NX Algebra	

Name:	
Date:	Per:

Story #1: Ms.	Oppenheim	ı is saving m	noney in th	ne bank for	a vacation			
She initially ha	he initially has one hundred dollars. She saves an additional fifty dollars							
every month.								
1. Translate	1. Translate the WHOLE story into your L1:							
2. Draw a pictur	e that represe	nts the story.	the impor		oud again. <u>Wr</u> s from the sto units:			
			Example:	5 meters (#	and unit			
			1.					
4. Use the toolkit words in the sto		_	5. Write	5. Write the words you colored here:				
words that repres	sent the start	ing point in	Starting point:					
green and the w (growth) in pur	-	esent slope	Slope: _	Slope:				
6. <u>Write</u> the val starting point wit		pe and	7. Write this story	•	that represe	ents		
Starting point:								
Slope:								
8. <u>Make</u> a table	that represen	ts this story.						
X (month)	2	3	4					
Y (dollars)								
9. How much mo	ney will Ms. O	ppenheim hav	ve after one	year (n	nonths)?			

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1.	Translate th	ne UNKNOW	N words into	your L1:			
2. Draw a picture that represents the story. 3. Read the story out loud again. Write the important numbers from the story with the corresponding units : Example: 5 meters (# and unit) 1							
 4. In the story, <u>color</u> the words starting point in green slope (growth) in red. 				5. Write the words you colored here: Starting point: Slope:			
6. Write the values of the slope and starting point with units. 7. Write an equation that represe this story. Starting point:				sents			
8. <u>M</u>	ake a table t	hat represent	s this story.				
	X (seconds) Y (meters)	0	1	2	3	4	

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Sto	ory #3: Ms. Fo	rbes plants	a tree in h	ner garden	. On the day	y it is plante	ed
(Da	ay 0), the tree	is fifty cent	imeters tal	I. The tree	e grows fou	r centimete	ers
eve	ery day.						
:	1. <u>Translate</u> the	WHOLE stor	y into your l	_1:			
							_
				1			_
2. <u>Draw</u> a picture that represents the story.				3. Read the story out loud again. Write all the important numbers from the story with the corresponding units :			
				Example:	5 meters (# a	nd <mark>unit</mark>)	
				1			
				2			
	Jse the toolkit to	-	_	5. Write th	ne words you	ı colored here	
	rds in the story. I ds that represent			Starting point:			
_	en and the words owth) in red.	s that represe	ent slope	Slope:			
	Mrite the values	•	and	7. Write an equation that represents this story.			
Sta	rting point:						
	pe:						
	<u>Make</u> a table tha	t represents	this story.	<u> </u>			
	X			2	2]
	(days)	0	1	2	3	4	
	Y (centimeters)						
9. F	How tall is Ms. For	hes' tree afte	er four week	s (davs	:)?		
J. 1	1017 (411 10 1 101 1 01	Jos dice and	on week	o (days	77.		

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Name:	
Date: _	Per:

Story	# 4: Mr. Ru	bio starts w	vith one hu	ndred seve	nty-five do	llars to spe	nd
on che	eseburgers	. He spend	s five dollai	rs per day t	to buy a ch	eeseburger	•
1. <u>T</u> ı	1. Translate the WHOLE story into your L1:						
_							_
_							_
2. <u>Draw</u> a picture that represents the story. 3. <u>Read</u> the story out loud again. <u>Write</u> all the <u>important numbers</u> from the story with the corresponding <u>units</u> :							
				Example: 5	meters (# a	nd unit)	
				1			
4 11 1				- 			
words	he toolkit to in the story.]	In the story,	<u>color</u> the	5. Write the words you colored here:			
	nat represent and the words	-		Starting point:			
	h) in red.			Slope:			
	<u>e</u> the values point with u	•	and	7. <u>Write</u> ar this story.	equation th	hat represent	ts
Startin	g point:						
Slope:							
-	e_a table tha	t represents	this story.				
	X (days)	0	1	2	3	4	
Y (dollars)							
9. How cheeseb		does Mr. Rul	oio have left	after two we	eks (day	rs) of eating	

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Name:	
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Story	#5: Ms. Be	glinger alre	eady has si	xty-four p	ictures save	ed on her			
phone	e. She decide	es she is go	ing to star	t taking se	even picture	es every da	у.		
1.] -	1. Translate the WHOLE story into your L1:								
2. Draw a picture that represents the story.				3. Read the story out loud again. Write all the important numbers from the story with the corresponding units: Example: 5 meters (# and unit) 1 2					
4. Use the toolkit to look for key signal words in the story. In the story, color the words that represent the starting point in green and the words that represent slope (growth) in red .			5. Write the words you colored here: Starting point: Slope:						
6. <u>Write</u> the values of the slope and starting point with units.			7. Write an equation that represents this story.						
Starting point:									
Slope:	i								
8. <u>Mak</u>	ce a table tha	t represents	this story.						
	X (days)	0	1	2	3	4			
	Y (pictures)								
9. How	many picture	s will Ms. Be	glinger have	on her phoi	ne after 5 wee	eks (day	s)?		