## Your unit 3 Test is tomorrow.

The homework for this week is online. It was sent out via Remind. If you have not signed up for Remind, here is the code for you to do so

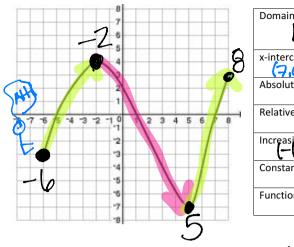
## Text 81010 with the subject @nicforr2

If you do not have a phone, I have paper copies but I only have enough for you to have one.

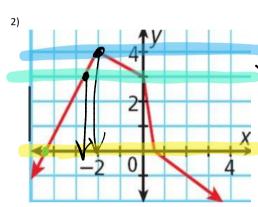
While I am passing out the quizzes from last week, start the review. If you can do the review, you should ACE the test!

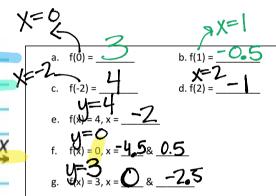
Think positive thoughts....but also read ALLLLLL the directions!

1) Answer all the questions to the right to the best of your ability. Be sure you use your flipbook if you are still

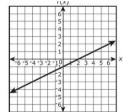


Domain [-6,8]	Range 7, 4
x-intercept(s) (7,0) (-5,0) (1,0)	y-intercept (0,2)
Absolute max: (-2,4)	Absolute min: (5,-7)
Relative max:	Relative min: (-6,-3)
Increasing: (5,8)	Decreasing: (-2,5)
Constant:	End behavior:
Function? ULS	Continuous? Discrete? Discontinuous?
()	

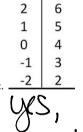




3) Tell if the following are functions or not. Explain how you know if it is or not? Use words here!



	/-		,, , , , , , , , , , , , , , , , , , , ,
1	$\bigcap$	A	-3
	9		3 -2 2
	4		47,0984
	1		-1
	$\mathcal{F}$		$+ \circ$



y

d.

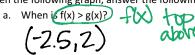
Jenny is watching her credit card bill. Each month she pays \$500 to it but then charges another \$600 to it.

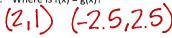
S, Pass Vept. No, x-values yes, repeat zamows from no x values zamows from x values

f(x) = 145x + 192 where <b>x</b> is the <b>number</b> of <b>years</b> since 1985.					
en total and cores en total and an arrangement of the total and arrangement of the total and the total arrangement of the					
145(5) + 192	$2 = 917 \ln 9$	5 yps from 1985	(1990), a garbage is \$912 m		
b. Find the value of <b>x</b> wh	nen <b>f(x=1000. Explain</b> what th	nis means in terms of the problem	em. 7171000		
140X + 102-	-1000  1900 = 9	200 / 2.0 yk	man makes \$1,00		
c. Find the value of <b>f(10</b> )	ー (タン) <b>. Explain</b> what the numb <b>e</b> r me	ans in terms of the problem.	,		
145(10) 199	=164	10 yes from 1985			
d. Find the value of <b>x</b> wh	ten $f(x) = 1500$ . Explain what the	ار العلاق العامة ال	42,000 <b>.</b>		
MGV 4197-1	1560	$13^2 X = 9$	In 9 IPS from 198.		
M5x +192=1 -192 -	$\frac{109x}{192} = \frac{109x}{195}$	1308 A-1 a	In 9 yes fiven 198. garbage man ma 81,500,000.		
5)  Given  f(x) = -10x	$-9  and  j(x) = 7x + 4 \ a$	answer the following.	₩ 1, 5∞,œo.		
a. f(x)+)(x)	b. f(0) + j(2)	c. j(-3) - )(-3)	d. j(x)—f(x)		
-10X-9+7x+4	X=0 X=2	X=-3 X=-3			
	10/0/0	7/2/14 -11/2	L9		
-21/5	-10(0)-9 $-10(0)$	7(-3)+7 -10(-5)			
$\mid \bigcirc X - \bigcirc \mid \mid$		-17 <del>-</del> 21			
	-9 + 18		7x+4-(-10X-9		
			2 11 110 1-9		
	19		数 to tox ← 1		
			124112		
			ITX TIS		
a. Domain	nitions for the following words. b. Range	c. x-intercept	d. y-intercept		
a. Domain	D. Nange	c. x-intercept	u. y-intercept		
a. Ahaalista waxa	f Abaaluta min	- Deletive men	h. Dalativa min		
e. Absolute max	f. Absolute min	g. Relative max	h. Relative min		
j. End behavior	k. Constant	m. Increasing	n. Decreasing		

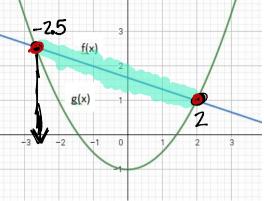
4) The average salary of a garbage man (in thousands) from 1985 to 2001 is represented by the function

7) Given the following graph, answer the following questions

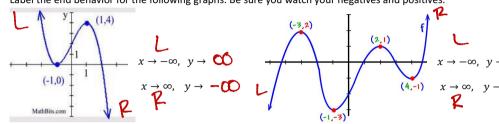


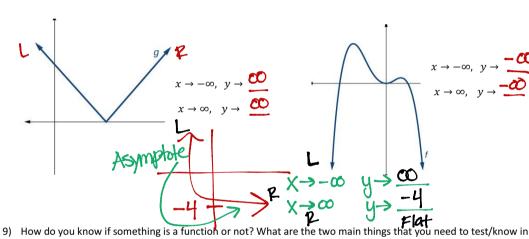


c. What is the value of f(2) + g(0)?



8) Label the end behavior for the following graphs. Be sure you watch your negatives and positives.





order to prove something a function or not?

