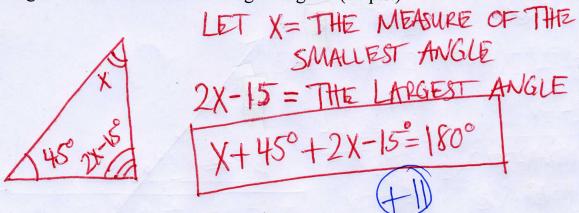
Maul 91-		110ul Exalli #	4	Salake	
			N	EY	
Read all direction	ns and problems care	fully! Show	Name:	to work for anodit	
	ations for the followin				
				es. Ralph leaves Charlott	te
				the same time, Pottsie	
				iles per hour. Assuming	
they are traveling	on the same route, how	w long will it	take until they	meet? (11 pts.)	
Y	工井中	LE	1 t= T	PAULL INE	
RALPH 56ML	t = 56t		Foe	PAVEL TIME BACH (SAME)	
POTTSIE 44 ML	t = 44+	15	56±+44+	==700	
		1			
TOTAL -	X 1700 M	1		(411)	
2 A locksmith in	stalled inside and outs		new classroom	building The	
				l outside locks cost \$26	
_	of each kind of lock did			X= # OF	
COST	1 #= OF 11 TO	TAL		- 10 P	
FILE	ock Locks Co	DT .		CHIZAP LOCKS	
CHEAP \$111	6 V # 11	1 V	12	( ) 101/	7
LOCKS 1117	1 / 1	1	114X+26	(80-X) =  2 6	
EXPENSIVE \$ 26	(xn-x)# 20	(80-X)			1
2 1 1 20	(OC //) -C	110		(11)	
2001	K SOLOUS \$1	21/			
101AC	80 Cars 1-1	216			
3. How many our	nces of a 10% baking s	oda solution 1	must be added	to 40 ounces of a 2%	
baking soda soluti	on to make a 5% bakir	ng soda soluti	on? (11 pts.)	IZT X = AMT C	F
COECIA	AMT H	LRE BJ.		10% B.S.	
	WC W	100		100 000	
10% BS . 1	0 * 2 带。	101		and ostati	M
771 00 2		02(40)	1.10x+	.02(40)=.05(XH4	
2% (8) (0)	7 4005# ·	ULL (S)			

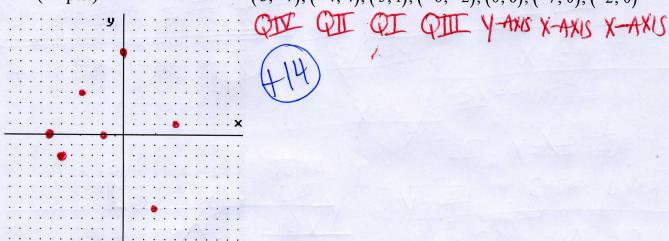
.05 (X+40) + .05 (X+40)

5% BS

4. In a triangle, the middle angle is 45° and the largest angle is 15° less than twice the smallest angle. Find the smallest and largest angles. (11 pts.)

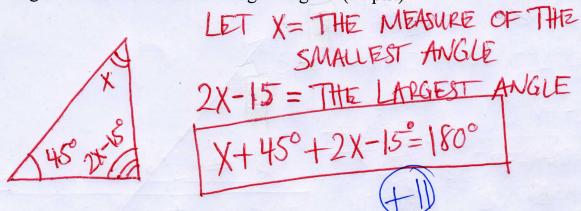


5. Plot each of the following points <u>and</u> state in which quadrant or on which axis each lies. (14 pts.) (3,-7), (-4,4), (5,1), (-6,-2), (0,8), (-7,0), (-2,0)

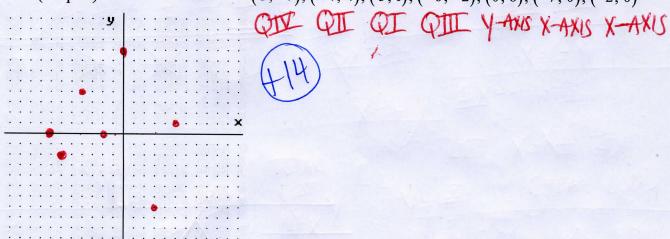


6. Complete the following table for the equation 3x+3y=6. (10 pts.)

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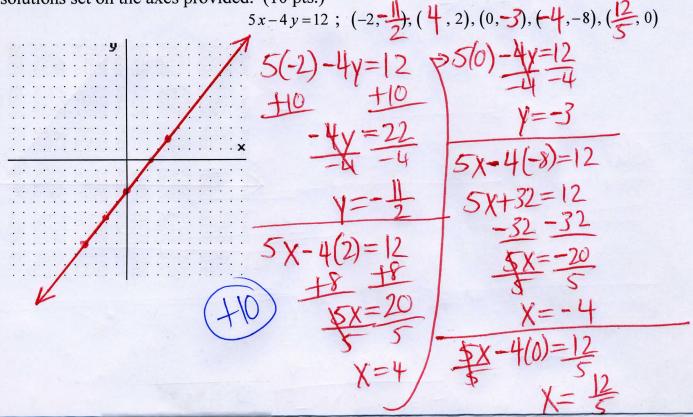
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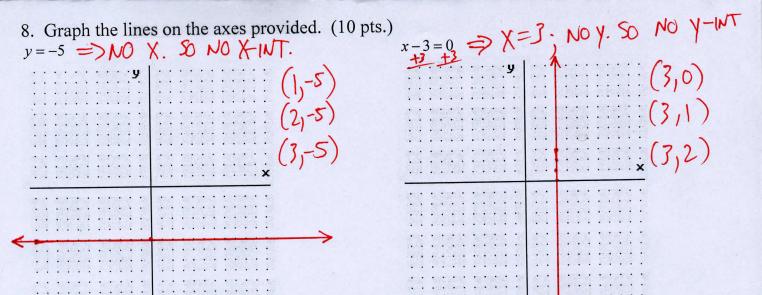


6. Complete the following table for the equation 3x+3y=6. (10 pts.)

7. Complete the following ordered pairs for the given linear equation, and graph the

solutions set on the axes provided. (10 pts.)





20

9. Graph the following line -2x+4y=-8 using the intercept method. Label at least four

