-	
-	1000
1	-

Name:	Date:	
Topic:	Class:	

	Main Ideas/Questions	as/Questions Notes/Examples				
	TUC	The quadratic formula is another method to use to solve a quadratic equation. Solve the equation below using the quadratic formula.				
	INC	Steps				
	QUADRATIC FORMULA	Make sure the equation is set equal to 0 and written in				
	$b \pm \sqrt{b^2 - 4ac}$	2 Identify				
	x = - 2a	3 Substitute into the formula				
		Directions: Solve each equation using the quadratic formula.				
	YOUTRY! *"-b"means	1. $x^2 - 8x = 20$ $a =$ b = c = c = 2. $2x^2 + 7x + 3 = 12$ $a = b =$ b =				
	not always	3. $3x^2 - 12 = 0$ $0 \neq 0 $				
	to					
	-b changes to	5. $-x^2 - 10x - 21 = 0$ $A = b = C = 6$. $4x^2 + 9x = 12x$ $A = b = C = 0$				
/	± means					

	7. $x^2 + 7x = x - 10$	a= b=	C =	8. $3x^2 - 5x = 4 - 3x^2$	a= b=	C =
	Directions: Solve ed	ach equation	n using	the quadratic formula.	1	-
TPPATTONAL	9. $x^2 + 4x + 1 = 0$			10. $-x^2 + 2x + 7 = 0$	ecimals to	1 place
COLUTIONAL						
SOLUTIONS		0=1			a =	
SPECIAL LASE		b=			6=	
dis crimant		C=			C =	
Q.F. in calc						
will say	11. $x^2 + x + 9 = 20$			12. $4x^2 - 7x = +2$		
		a=				
because there	Carl States	6=			a=	
is		C :			b=	
The parabola					C *	
does						
nit the	13. $x^2 + 3 = 8x - x^2$		1	14. $3x^2 + 6x = 12$		
Section Section						
		a=			a=	
		6=			6=	
		6=			0=	
						•
						-