Answer the questions completely.			
1.	Factor the expressions completely.	2.	y = (x-2)(3x+4)
	A) $9x^2 - 27x$		A) State the zeroes of the function.
	B) $x^2 - 169$		B) Convert to standard form.
	C) $x^2 - x - 12$		
	D) $x^2 + 2x - 24$		C) State the y-intercept.
3.	Find the zero(s) of the function shown.	4.	$f(x) = x^2 - 4x - 12$
			A. Factor the function completely.
			B. Find the zero(s).
	5		
5.	$3x^2 + 10x - 6 = 2$	6.	$y = 2(x-4)^2 - 1$
	A) Factor completely.		A) State the vertex.
			B) Convert to standard form.
	B) Solve.		
7.	$y = 3x^2 - 2x - 1$	8.	$y = 2x^2 - 24x + 3$
	A) Solve by using the Quadratic Formula.		A) Convert to vertex form by completing the square.

Part B: The Quadratic Formula [A-REI.4b]				
Answer the questions completely.				
9.	$0=2x^2-6x-3$	10. Using the discriminant, select the number of		
		solutions. Make sure to show your work.		
	A) Solve algrebraically, showing your work.	$3x^2 - 12x - 8 = 0$		
	B) Justify the method you selected.			
		(Circle One)		
		A) No real solutions		
		B) 1 real solution		
		C) 2 real solutions		
Part	C: Modeling with Quadratics [A-SSE.3a, A-SSE.	3b]		
	Answer the q	uestions completely.		
11. You are designing a rectangular section of grass in your back yard. You want the length to be 6 feet				
more than the width. You have 55 square feet of grass to use.				
A Drow a nicture of the situation				
	A. Draw a picture of the situation.			
	B Write an equation to represent the			
	b. Write an equation to represent the situation in terms of x, the width of the			
	section of grass			
	section of grass.			
	C Solve the equation			
	D. State the solution(s) in the context of			
	the problem.			
	1			