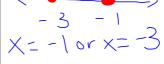
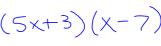
Adv Alg	2	Summer	Worksheet #	‡1
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	passing through the points (1 -1)	passing through the points (3,-5)	on a number line. Then state the	
and (4,8) in slope-intercept form		and (-2, 7) in point-slope form.	solution.	
			$7x - 5 > 65 \ or - 3x - 2 \ge -2$	
	u = 3x-4	$y+5=\frac{12}{5}(x-3)$	0 10 X<0 or X>10	
	, i	$y-7=\frac{12}{5}(x+2)$	x<0 or x>10	
	4. Solve and graph the solution	5. Solve and graph the solutions	6. Solve using the quadratic	
	on a number line. Then state the	on a number line.	formula.	
	solution.	2x+1 > -5	$x^2 + 1 = 4x$	
	$7k + 6 > -50$ and $7k \le -14$			
	-8-2 -8-2	All real	x=2±13	
	<u> </u>	numbers	$\approx 3.7 \text{ or}$	○ .
	7. Solve using the zero product	8. Solve and graph the solutions	9. Factor completely :	
	property.	on a number line.	$5x^2 - 32x - 21$	
	$9x^2 = 15x - 4$	3 2x+4 =6		
		-3 -1	(5x+3)(x-7)	

1. Write the equation of the line | 2. Write the equations of the line | 3. Solve and graph the solution





$$2x^2 - 6x - 20$$

10. Factor completely:

11. Solve the system of equations. Write the solution as an ordered pair.

$$2x - 3y = 16$$
$$5x + 6y = 13$$

12. Solve the system of inequalities by graphing. y > -x + 1

