Math 2 Name_____

Unit 2B Quiz Review

Show your work for all problems.

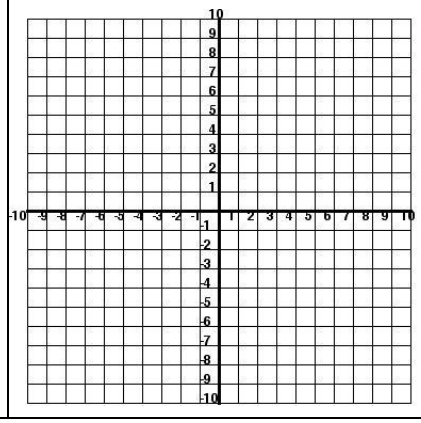
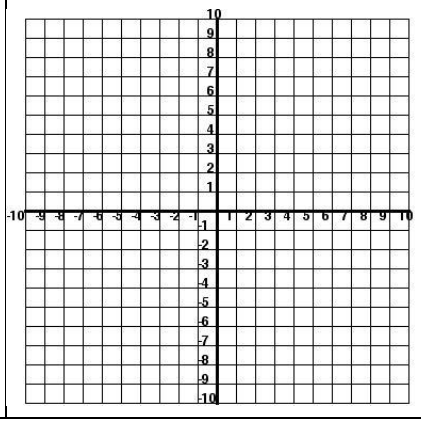
Solve the following by factoring.

1)	$x^2 + 6x + 8 = 0$	2)	$x^2 - 13x = x - 45$
3)	$7x^2 + 14x - 245 = 0$	4)	$8x^2 = 48x$

Solve the following using the square root method. Be sure to simplify all radicals.

5)	$x^2 - 17 = 1$	6)	$25x^2 + 4 = 53$

Solve the following by graphing. Be sure to identify the solution.

7)	$x^2 - 10x + 21 = 0$ 	8)	$-x^2 - 12x - 32 = 0$ 

Solve the following using the quadratic formula. Be sure to simplify all radicals.

9)	$-2x^2 + 12x + 14 = 0$	10)	$x^2 + 6x + 14 = 0$