

Name: _____

Class/Block: _____ Date: _____

Equations: Are They Linear?

Check all the examples showing linear relationships. For each example, explain your reasoning or show how you know it is a linear relationship or not a linear relationship.

No.	Example	Explain your reasoning and show how you know
1.	<input type="checkbox"/> $y - 3 = -x + 2$	
2.	<input type="checkbox"/> $y = x + 14$	
3.	<input type="checkbox"/> $-x - 3y - 5 = -3y - x + 7$	
4.	<input type="checkbox"/> $y + x^2 = x^2 + 14 - x$	
5.	<input type="checkbox"/> $x = 6y - 12$	
6.	<input type="checkbox"/> $2x - 2y - 4 = 2y - x + 8$	
7.	<input type="checkbox"/> $y = x^2 - 2$	
8.	<input type="checkbox"/> $-y = -x - 6$	