

Systems of Equations (Verifying Solutions)

For each of the following **systems of equations** state whether or not the **ordered pair** is the solution.

1. $y = 2x - 1$ $3y + x = 11$; (2,3)	6. $5a + 3b = 3$ $3a - 7b = 81$; $(a,b) = (6,-9)$
YES NO	YES NO
2. $y = 2x - 3$ $y = 5 - 3x$; (1,-1)	7. $y = -x + 6$ $y = 3x + 2$; (1,5)
YES NO	YES NO
3. $2y = 4x + 1$ $y = -x + 3$; (0,0)	8. $4x + 2y = 13$ $3x = 5y + 26$; (4.5,-2.5)
YES NO	YES NO
4. $x - y = 2$ $x + y = 4$; (2,2)	9. $x + y = 5$ $-x + y = 7$; (1,8)
YES NO	YES NO
5. $2x + 3y = 4$ $4x - y = 22$; (5,-2)	$y = -x + 4$ 10. $y = -\frac{2}{3}x + \frac{11}{3}$; (1,3)
YES NO	YES NO