



Common Core Mathematics Practice for Grade 8

CCSS.Math.Content.8.EE.C.8.b - Worksheet #33374

Name: _____

Standard: **CCSS.Math.Content.8.EE.C.8.b**

Description: Solve systems of two linear equations in two variables algebraically, and estimate solutions by graphing the equations. Solve simple cases by inspection. For example, $3x + 2y = 5$ and $3x + 2y = 6$ have no solution because $3x + 2y$ cannot simultaneously be 5 and 6.

Solve Set of Linear Equations Algebraically for Intersection:

1. $3x - y = -3$ $y = 9$	6. $x - y = -3$ $4x + y = -17$
2. $4x - y = 0$ $y = 0$	7. $2x - y = -12$ $3x - y = -16$
3. $5x - y = 11$ $5x + y = 9$	8. $2x - y = 4$ $5x + y = -11$
4. $4x - y = 25$ $x - y = 13$	9. $y = 0$ $2x - y = -14$
5. $x + y = 4$ $4x + y = 13$	10. $4x + y = 34$ $x - y = 11$

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