



Common Core Mathematics Practice for Grade 8

CCSS.Math.Content.8.EE.C.8.b - Worksheet #33376

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. $x - y = -10$ $4x - y = -13$	6. $x - y = -3$ $3x + y = -17$
2. $5x + y = -10$ $x - y = -8$	7. $y = 3$ $5x - y = 22$
3. $x + y = -7$ $5x - y = -11$	8. $5x + y = 24$ $3x + y = 14$
4. $4x + y = 26$ $4x - y = 14$	9. $4x + y = -6$ $3x - y = -8$
5. $5x + y = -25$ $4x + y = -19$	10. $2x + y = -11$ $3x - y = 1$

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