



Common Core Mathematics Practice for Grade 8

CCSS.Math.Content.8.EE.C.8.b - Worksheet #33370

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. $x + y = 13$ $2x - y = 11$	6. $3x + y = -25$ $5x - y = -39$
2. $4x + y = 6$ $2x - y = -6$	7. $5x - y = 21$ $4x - y = 16$
3. $x + y = -1$ $5x + y = 15$	8. $3x - y = 3$ $x + y = 5$
4. $4x - y = 22$ $x + y = 13$	9. $5x + y = -46$ $y = -6$
5. $x - y = -7$ $4x + y = -18$	10. $3x + y = 21$ $2x - y = 24$

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