



Common Core Mathematics Practice for Grade 8

CCSS.Math.Content.8.EE.C.8.b - Worksheet #33373

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. $4x + y = -12$ $4x - y = -28$	6. $3x + y = -4$ $4x + y = -5$
2. $2x - y = 6$ $x - y = 1$	7. $2x - y = 6$ $3x - y = 13$
3. $4x - y = 38$ $x + y = 7$	8. $5x + y = 4$ $x + y = 4$
4. $x - y = -1$ $2x - y = 6$	9. $4x + y = 31$ $x - y = -1$
5. $4x + y = 1$ $x - y = -11$	10. $y = 4$ $4x - y = -4$

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