



Common Core Mathematics Practice for Grade 8

CCSS.Math.Content.8.EE.C.8.b - Worksheet #33378

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. $2x - y = 9$ $4x + y = 3$	6. $4x + y = -5$ $2x + y = -7$
2. $3x + y = 3$ $5x + y = -1$	7. $5x - y = -33$ $3x + y = -31$
3. $3x + y = -24$ $x + y = -12$	8. $x + y = 4$ $y = -3$
4. $2x + y = 1$ $2x - y = -9$	9. $x - y = 8$ $5x - y = 16$
5. $4x + y = -31$ $2x - y = -17$	10. $5x + y = -28$ $2x + y = -7$

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