



Common Core Mathematics Practice for Grade 8

CCSS.Math.Content.8.EE.C.8.b - Worksheet #33333

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. $x - y = 14$ $2x - y = 20$	6. $3x - y = 11$ $5x - y = 17$
2. $4x - y = 21$ $x + y = 9$	7. $4x + y = 29$ $y = 5$
3. $5x - y = 8$ $5x + y = 12$	8. $4x + y = -23$ $4x - y = -41$
4. $5x + y = -15$ $4x - y = -3$	9. $y = 4$ $5x - y = -44$
5. $y = 8$ $4x + y = 20$	10. $2x + y = -6$ $5x - y = -8$

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