



Common Core Mathematics Practice for Grade 8

CCSS.Math.Content.8.EE.C.8.b - Worksheet #33364

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. $4x - y = 24$ $y = 4$	6. $x + y = -2$ $3x + y = 0$
2. $5x - y = -34$ $2x - y = -10$	7. $3x - y = 35$ $x + y = 1$
3. $2x - y = 0$ $y = -4$	8. $2x + y = -11$ $3x - y = -29$
4. $3x - y = -11$ $2x - y = -10$	9. $4x - y = 2$ $3x - y = 0$
5. $2x - y = 23$ $2x + y = 5$	10. $3x + y = 13$ $5x + y = 21$

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