



Common Core Mathematics Practice for Grade 8

CCSS.Math.Content.8.EE.C.8.b - Worksheet #33316

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. $y = -6$ $3x - y = -15$	6. $y = -9$ $4x + y = -5$
2. $5x + y = -38$ $3x + y = -20$	7. $5x - y = 9$ $x - y = -3$
3. $2x - y = -19$ $4x + y = -17$	8. $3x - y = -7$ $2x - y = -2$
4. $5x + y = -38$ $y = -3$	9. $x - y = 1$ $5x - y = 29$
5. $2x - y = -3$ $2x + y = 7$	10. $3x - y = -29$ $4x - y = -37$

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