



Common Core Mathematics Practice for Grade 8

CCSS.Math.Content.8.EE.C.8.b - Worksheet #33311

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. $4x + y = -15$ $y = -7$	6. $y = 3$ $x - y = -4$
2. $3x - y = 13$ $5x + y = 19$	7. $2x + y = 9$ $y = 3$
3. $3x - y = -19$ $y = 7$	8. $x + y = -9$ $4x - y = 4$
4. $2x + y = -17$ $4x + y = -31$	9. $2x + y = -9$ $4x - y = -21$
5. $5x + y = -39$ $x + y = -7$	10. $5x - y = 53$ $2x + y = 10$

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