



Common Core Mathematics Practice for Grade 8

CCSS.Math.Content.8.EE.C.8.b - Worksheet #33367

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. $5x - y = 48$ $4x - y = 39$	6. $x - y = 1$ $2x + y = -25$
2. $2x - y = -8$ $5x - y = -20$	7. $x + y = -9$ $5x + y = -41$
3. $x + y = -2$ $3x - y = 6$	8. $2x - y = -1$ $2x + y = 17$
4. $y = 9$ $5x - y = -19$	9. $x - y = 1$ $3x + y = 11$
5. $3x - y = 1$ $4x + y = -8$	10. $3x - y = -16$ $x - y = -6$

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