



Common Core Mathematics Practice for Grade 8

CCSS.Math.Content.8.EE.C.8.b - Worksheet #33339

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. $4x + y = 19$ $5x - y = 35$	6. $y = -3$ $x + y = 1$
2. $x + y = -4$ $3x - y = -12$	7. $3x - y = 23$ $x + y = 9$
3. $3x + y = -1$ $2x + y = -3$	8. $2x + y = -6$ $x + y = -1$
4. $x + y = -1$ $y = -8$	9. $3x - y = 26$ $x + y = 2$
5. $5x - y = -9$ $2x + y = -5$	10. $5x - y = 11$ $3x - y = 7$

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