



Common Core Mathematics Practice for Grade 8

CCSS.Math.Content.8.EE.C.8.b - Worksheet #33328

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. $5x + y = -12$ $2x - y = -9$	6. $2x + y = -3$ $y = -5$
2. $4x - y = 19$ $5x + y = 8$	7. $5x + y = 50$ $x - y = 4$
3. $3x + y = -12$ $3x - y = -24$	8. $3x - y = 12$ $4x - y = 13$
4. $5x + y = -1$ $4x - y = -8$	9. $x - y = -3$ $2x + y = 12$
5. $5x + y = -36$ $x - y = -18$	10. $x + y = 8$ $4x + y = 35$

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