



Common Core Mathematics Practice for Grade 8

CCSS.Math.Content.8.EE.C.8.b - Worksheet #33327

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. $2x + y = -23$ $x - y = -4$	6. $y = 2$ $3x + y = 11$
2. $4x - y = 12$ $2x + y = 12$	7. $5x - y = -1$ $4x + y = -8$
3. $x - y = -4$ $2x - y = -7$	8. $3x + y = 5$ $3x - y = 1$
4. $5x + y = 32$ $3x + y = 18$	9. $x + y = 12$ $x - y = 4$
5. $5x - y = -1$ $4x + y = -17$	10. $5x - y = 10$ $3x + y = 14$

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