



Common Core Mathematics Practice for Grade 8

CCSS.Math.Content.8.EE.C.8.b - Worksheet #33315

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. $3x - y = 5$ $5x - y = 5$	6. $2x - y = 20$ $5x - y = 44$
2. $4x + y = -11$ $y = 5$	7. $2x - y = -1$ $3x + y = -14$
3. $2x + y = 0$ $3x + y = -3$	8. $2x + y = 13$ $3x + y = 17$
4. $x + y = 10$ $2x + y = 13$	9. $4x + y = 28$ $2x + y = 10$
5. $3x - y = -12$ $x + y = -8$	10. $3x - y = 25$ $3x + y = 17$

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