



Common Core Mathematics Practice for Grade 8

CCSS.Math.Content.8.EE.C.8.b - Worksheet #33352

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. $5x - y = 48$ $x - y = 12$	6. $3x + y = 2$ $5x - y = 14$
2. $4x + y = -40$ $3x + y = -31$	7. $5x + y = 38$ $2x + y = 11$
3. $x - y = 3$ $3x - y = 1$	8. $y = -6$ $2x - y = 14$
4. $4x + y = -37$ $5x - y = -44$	9. $2x + y = 0$ $y = 0$
5. $x - y = -3$ $2x - y = -12$	10. $3x - y = 16$ $3x + y = 14$

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