



Common Core Mathematics Practice for Grade 8

CCSS.Math.Content.8.EE.C.8.b - Worksheet #33390

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. $2x + y = 19$ $y = 1$	6. $3x + y = -3$ $5x - y = -13$
2. $4x + y = 12$ $4x - y = 4$	7. $y = -5$ $3x + y = -23$
3. $2x + y = -8$ $x + y = -7$	8. $x - y = -16$ $y = 7$
4. $y = 0$ $5x + y = 15$	9. $x - y = 4$ $x + y = -4$
5. $2x + y = -8$ $5x + y = -20$	10. $3x - y = 9$ $4x + y = 26$

Printable #: 33390-CCSS.Math.Content.8.EE.C.8.b

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