



Common Core Mathematics Practice for Grade 8

CCSS.Math.Content.8.EE.C.8.b - Worksheet #33330

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. $2x - y = 6$ $5x - y = 18$	6. $3x + y = 6$ $4x - y = 22$
2. $5x - y = 9$ $2x - y = 3$	7. $5x + y = 17$ $2x - y = 4$
3. $3x - y = -28$ $2x + y = -17$	8. $y = -7$ $4x + y = -15$
4. $x + y = 9$ $5x - y = 45$	9. $5x + y = 18$ $x + y = -2$
5. $x + y = 2$ $4x + y = 8$	10. $5x + y = 7$ $2x - y = 14$

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