



Common Core Mathematics Practice for Grade 8

CCSS.Math.Content.8.EE.C.8.b - Worksheet #33336

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. $2x + y = -9$ $5x + y = -33$	6. $5x - y = -35$ $x - y = -11$
2. $4x + y = 15$ $x + y = -3$	7. $4x - y = 30$ $3x + y = 26$
3. $5x + y = 4$ $x - y = -10$	8. $3x + y = 2$ $x - y = -2$
4. $x + y = -10$ $5x - y = 4$	9. $x - y = -1$ $2x + y = 1$
5. $4x - y = 15$ $2x - y = 3$	10. $3x - y = -2$ $5x + y = 10$

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