



Common Core Mathematics Practice for Grade 8

CCSS.Math.Content.8.EE.C.8.b - Worksheet #33387

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. $2x + y = -10$ $2x - y = -2$	6. $5x - y = -10$ $5x + y = 0$
2. $x - y = 9$ $2x + y = 6$	7. $5x - y = -24$ $4x - y = -19$
3. $2x - y = 17$ $5x - y = 32$	8. $x + y = -11$ $x - y = -5$
4. $4x + y = -13$ $x + y = -4$	9. $x + y = -4$ $5x + y = 12$
5. $x + y = -2$ $x - y = -6$	10. $3x - y = 5$ $2x + y = 10$

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