



Common Core Mathematics Practice for Grade 8

CCSS.Math.Content.8.EE.C.8.b - Worksheet #33391

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. $x - y = 5$ $y = -5$	6. $2x - y = 0$ $5x + y = -7$
2. $4x - y = -39$ $4x + y = -25$	7. $4x - y = 25$ $y = -1$
3. $2x + y = -10$ $y = 0$	8. $3x - y = 5$ $4x + y = 2$
4. $2x - y = -2$ $5x - y = -5$	9. $3x + y = 23$ $4x - y = 40$
5. $5x - y = -53$ $x + y = -1$	10. $4x + y = -32$ $2x - y = -10$

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