



Common Core Mathematics Practice for Grade 8

CCSS.Math.Content.8.EE.C.8.b - Worksheet #33319

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. $5x + y = -37$ $y = -2$	6. $5x + y = 14$ $4x + y = 13$
2. $3x - y = -30$ $3x + y = -18$	7. $4x - y = -5$ $5x + y = -22$
3. $4x - y = -8$ $5x - y = -9$	8. $x + y = 1$ $4x - y = 19$
4. $2x - y = -4$ $5x - y = -4$	9. $2x + y = 7$ $3x - y = 13$
5. $5x - y = -11$ $2x + y = 4$	10. $5x + y = -33$ $2x - y = -2$

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