



Common Core Mathematics Practice for Grade 8

CCSS.Math.Content.8.EE.C.8.b - Worksheet #33382

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. $y = 3$ $4x - y = 21$	6. $3x - y = -14$ $y = -1$
2. $3x + y = 22$ $3x - y = 20$	7. $3x - y = 19$ $x + y = 9$
3. $x - y = 7$ $4x + y = 13$	8. $4x - y = -2$ $5x - y = -3$
4. $4x - y = -5$ $5x + y = -4$	9. $y = 5$ $x - y = -9$
5. $3x + y = -10$ $2x - y = -10$	10. $3x + y = -32$ $x + y = -14$

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