



Common Core Mathematics Practice for Grade 8

CCSS.Math.Content.8.EE.C.8.b - Worksheet #33365

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. $2x + y = 11$ $y = -3$
2. $5x - y = -3$ $x + y = -9$	7. $2x + y = -21$ $4x - y = -21$
3. $5x + y = 25$ $4x + y = 19$	8. $4x - y = 16$ $4x + y = 16$
4. $2x + y = 2$ $x - y = 4$	9. $x - y = 6$ $y = -9$
5. $5x + y = -8$ $x - y = 8$	10. $2x + y = 9$ $3x + y = 18$

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