



Common Core Mathematics Practice for Grade 8

CCSS.Math.Content.8.EE.C.8.b - Worksheet #33372

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. $y = 7$ $4x + y = -25$	6. $y = -4$ $5x + y = 21$
2. $5x - y = -44$ $2x + y = -5$	7. $y = 6$ $x + y = -1$
3. $3x + y = -16$ $2x + y = -12$	8. $y = -5$ $2x + y = -9$
4. $x - y = -1$ $4x - y = -25$	9. $x + y = 6$ $x - y = 0$
5. $4x - y = 2$ $3x + y = 12$	10. $4x - y = -2$ $5x + y = 11$

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