



Common Core Mathematics Practice for Grade 8

CCSS.Math.Content.8.EE.C.8.b - Worksheet #33398

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. $2x - y = 1$ $x - y = 3$	6. $5x - y = -9$ $3x + y = -7$
2. $2x - y = -15$ $5x + y = -48$	7. $5x - y = -15$ $4x - y = -13$
3. $x - y = 6$ $2x + y = 3$	8. $x - y = 4$ $5x + y = -16$
4. $y = -5$ $x - y = 5$	9. $2x - y = -20$ $3x + y = -10$
5. $x - y = -12$ $2x + y = 3$	10. $3x - y = 12$ $4x + y = -5$

Printable #: 33398-CCSS.Math.Content.8.EE.C.8.b

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