



Common Core Mathematics Practice for Grade 8

CCSS.Math.Content.8.EE.C.8.b - Worksheet #33397

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. $4x - y = -39$ $2x - y = -23$	6. $5x - y = -7$ $2x - y = -7$
2. $4x + y = -11$ $5x - y = 2$	7. $x + y = 2$ $4x - y = -37$
3. $2x - y = 5$ $3x - y = 6$	8. $5x - y = -9$ $x + y = 9$
4. $3x - y = 12$ $2x - y = 10$	9. $4x - y = 25$ $5x - y = 32$
5. $2x + y = -23$ $x - y = 2$	10. $y = 5$ $4x + y = 29$

Printable #: 33397-CCSS.Math.Content.8.EE.C.8.b

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