



Common Core Mathematics Practice for Grade 8

CCSS.Math.Content.8.EE.C.8.b - Worksheet #33356

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. $x + y = -5$ $4x + y = 1$	6. $5x + y = -36$ $x + y = 0$
2. $5x - y = -25$ $2x + y = -10$	7. $x + y = -7$ $5x - y = -17$
3. $5x + y = -48$ $4x - y = -33$	8. $4x + y = -21$ $2x - y = 3$
4. $4x - y = 20$ $y = 0$	9. $3x + y = -20$ $4x + y = -26$
5. $4x + y = -28$ $5x + y = -36$	10. $y = -5$ $2x - y = 13$

Printable #: 33356-CCSS.Math.Content.8.EE.C.8.b

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