



Common Core Mathematics Practice for Grade 8

CCSS.Math.Content.8.EE.C.8.b - Worksheet #33346

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. $3x + y = -17$ $5x - y = -31$	6. $5x + y = 34$ $3x + y = 18$
2. $4x - y = 41$ $4x + y = 23$	7. $4x + y = 11$ $y = -1$
3. $3x + y = -3$ $y = 0$	8. $2x - y = -18$ $x - y = -10$
4. $3x - y = -7$ $y = 4$	9. $y = 2$ $4x - y = 22$
5. $3x + y = -8$ $x + y = -8$	10. $2x + y = 3$ $5x - y = -3$

Printable #: 33346-CCSS.Math.Content.8.EE.C.8.b

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