



Common Core Mathematics Practice for Grade 8

CCSS.Math.Content.8.EE.C.8.b - Worksheet #33347

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. $y = 1$ $2x + y = 15$	6. $y = -9$ $5x - y = 4$
2. $3x - y = -7$ $2x + y = -13$	7. $x - y = 16$ $4x + y = 19$
3. $2x + y = 13$ $4x + y = 31$	8. $2x - y = 19$ $x + y = 8$
4. $3x - y = -9$ $x - y = -3$	9. $2x - y = 1$ $y = 9$
5. $3x + y = -9$ $4x - y = -26$	10. $y = -9$ $5x - y = 29$

Printable #: 33347-CCSS.Math.Content.8.EE.C.8.b

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