



Common Core Mathematics Practice for Grade 8

CCSS.Math.Content.8.EE.C.8.b - Worksheet #33342

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. $2x - y = 5$ $2x + y = 15$	6. $3x + y = -19$ $5x + y = -33$
2. $4x + y = -15$ $x + y = -3$	7. $3x - y = -1$ $5x - y = 1$
3. $3x + y = 29$ $x - y = 3$	8. $2x - y = -2$ $4x + y = -4$
4. $5x + y = 38$ $4x + y = 32$	9. $2x - y = 4$ $5x - y = 22$
5. $5x - y = -22$ $x + y = -2$	10. $2x - y = -7$ $x - y = -5$

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