



Common Core Mathematics Practice for Grade 8

CCSS.Math.Content.8.EE.C.8.b - Worksheet #33355

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. $5x + y = -10$ $2x - y = 3$	6. $3x - y = -27$ $x + y = -9$
2. $3x + y = -3$ $x - y = 7$	7. $x - y = 5$ $4x - y = 32$
3. $x - y = -5$ $y = 4$	8. $2x + y = 13$ $4x - y = -1$
4. $4x + y = -6$ $3x - y = -8$	9. $x + y = -18$ $3x + y = -36$
5. $x + y = -8$ $2x - y = -16$	10. $2x - y = 1$ $5x - y = -11$

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