



Common Core Mathematics Practice for Grade 8

CCSS.Math.Content.8.EE.C.8.b - Worksheet #33324

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. $5x + y = -21$ $4x + y = -18$	6. $3x + y = 13$ $4x + y = 17$
2. $2x - y = 9$ $x + y = -6$	7. $x + y = -12$ $3x + y = -22$
3. $3x - y = 19$ $4x + y = 9$	8. $x + y = 0$ $4x - y = -20$
4. $5x + y = 31$ $4x - y = 14$	9. $x - y = 8$ $5x - y = 40$
5. $4x - y = -12$ $x - y = -9$	10. $2x - y = -12$ $x + y = 0$

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