



Common Core Mathematics Practice for Grade 8

CCSS.Math.Content.8.EE.C.8.b - Worksheet #33309

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. $2x + y = 5$ $y = 5$	6. $x + y = -18$ $4x + y = -45$
2. $x + y = -3$ $4x - y = -27$	7. $4x - y = 41$ $x - y = 14$
3. $3x + y = -23$ $4x - y = -26$	8. $2x + y = 9$ $4x + y = 21$
4. $x - y = -8$ $3x + y = -16$	9. $3x - y = 17$ $3x + y = 19$
5. $x - y = -4$ $x + y = -2$	10. $x - y = -8$ $2x - y = -9$

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