



Common Core Mathematics Practice for Grade 8

CCSS.Math.Content.8.EE.C.8.b - Worksheet #33321

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. $5x - y = -13$ $3x + y = -19$	6. $x + y = 1$ $4x - y = -31$
2. $5x + y = 14$ $3x + y = 8$	7. $2x - y = 13$ $4x + y = 41$
3. $4x + y = 9$ $4x - y = 23$	8. $2x - y = -12$ $x - y = -8$
4. $2x + y = 18$ $x - y = 9$	9. $4x - y = 26$ $y = 2$
5. $2x + y = -9$ $x + y = -1$	10. $2x - y = -22$ $3x - y = -30$

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