



Common Core Mathematics Practice for Grade 8

CCSS.Math.Content.8.EE.C.8.b - Worksheet #33379

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. $2x - y = -12$ $y = -4$	6. $3x + y = -25$ $5x + y = -41$
2. $4x + y = -27$ $y = 9$	7. $5x - y = -22$ $2x + y = -13$
3. $5x + y = -14$ $2x + y = -2$	8. $x - y = -6$ $x + y = 12$
4. $x + y = 6$ $5x + y = 42$	9. $x + y = 1$ $x - y = -3$
5. $5x - y = -17$ $2x - y = -8$	10. $4x - y = 9$ $x - y = -3$

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