



Common Core Mathematics Practice for Grade 8

CCSS.Math.Content.8.EE.C.8.b - Worksheet #33329

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. $5x - y = -22$ $2x - y = -10$	6. $x + y = -12$ $3x - y = -20$
2. $x - y = -12$ $x + y = 6$	7. $5x + y = -44$ $y = -9$
3. $5x - y = 42$ $y = 3$	8. $3x - y = 5$ $5x + y = -5$
4. $5x - y = 45$ $4x - y = 37$	9. $x + y = -7$ $4x + y = -25$
5. $y = -8$ $x - y = -1$	10. $4x + y = -27$ $3x - y = -29$

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