



Common Core Mathematics Practice for Grade 8

CCSS.Math.Content.8.EE.C.8.b - Worksheet #33337

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. $x - y = 0$ $3x + y = 20$	6. $x - y = 0$ $5x + y = 30$
2. $3x + y = 24$ $x - y = -4$	7. $3x - y = -6$ $2x + y = -9$
3. $2x + y = 8$ $4x + y = 24$	8. $5x - y = -41$ $2x + y = -15$
4. $3x - y = 23$ $x - y = 11$	9. $y = 8$ $5x - y = -23$
5. $3x + y = 24$ $5x - y = 48$	10. $3x + y = 22$ $5x - y = 34$

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