



Common Core Mathematics Practice for Grade 8

CCSS.Math.Content.8.EE.C.8.b - Worksheet #33304

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. $4x + y = -8$ $4x - y = -24$	6. $2x + y = -16$ $3x + y = -22$
2. $3x + y = 5$ $4x - y = 9$	7. $5x + y = 43$ $y = -2$
3. $x + y = 1$ $2x - y = -25$	8. $3x - y = -7$ $x + y = 7$
4. $2x - y = -15$ $4x + y = -9$	9. $5x + y = -43$ $x + y = -7$
5. $5x + y = -37$ $4x + y = -29$	10. $x - y = 0$ $3x - y = 12$

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