



Common Core Mathematics Practice for Grade 8

CCSS.Math.Content.8.EE.C.8.b - Worksheet #33331

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. $5x - y = 4$ $x - y = -4$	6. $2x + y = -1$ $y = -9$
2. $x - y = -1$ $5x - y = -13$	7. $4x - y = -22$ $y = -2$
3. $5x + y = 31$ $2x - y = 25$	8. $5x + y = 40$ $3x - y = 24$
4. $y = -5$ $4x - y = -15$	9. $4x + y = 3$ $5x - y = -3$
5. $x - y = 6$ $3x + y = 22$	10. $4x - y = -12$ $3x + y = -23$

Printable #: 33331-CCSS.Math.Content.8.EE.C.8.b

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