



Common Core Mathematics Practice for Grade 8

CCSS.Math.Content.8.EE.C.8.b - Worksheet #33334

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. $5x + y = -49$ $x + y = -13$	6. $3x - y = 4$ $x + y = 8$
2. $3x + y = -6$ $5x - y = 14$	7. $3x - y = -18$ $2x - y = -13$
3. $x - y = 9$ $4x + y = 16$	8. $2x - y = -22$ $2x + y = -14$
4. $5x - y = -40$ $4x - y = -32$	9. $4x - y = 24$ $2x - y = 16$
5. $4x - y = 16$ $2x - y = 8$	10. $2x - y = 3$ $5x + y = -24$

Printable #: 33334-CCSS.Math.Content.8.EE.C.8.b

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