



Common Core Mathematics Practice for Grade 8

CCSS.Math.Content.8.EE.C.8.b - Worksheet #33360

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. $3x - y = 19$ $x + y = 5$	6. $3x - y = -6$ $x - y = 0$
2. $x - y = 4$ $5x + y = -10$	7. $5x + y = -15$ $3x - y = -17$
3. $y = -2$ $x - y = -3$	8. $2x - y = 22$ $2x + y = 10$
4. $y = 8$ $4x + y = 32$	9. $3x - y = 33$ $4x + y = 23$
5. $5x - y = -26$ $x + y = -16$	10. $x + y = 8$ $5x + y = 16$

Printable #: 33360-CCSS.Math.Content.8.EE.C.8.b

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