



Common Core Mathematics Practice for Grade 8

CCSS.Math.Content.8.EE.C.8.b - Worksheet #33383

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. $3x - y = 21$ $2x + y = 9$	6. $2x + y = 16$ $3x + y = 24$
2. $x - y = -11$ $4x - y = -26$	7. $3x - y = -18$ $2x + y = -2$
3. $x - y = -16$ $2x + y = -8$	8. $2x - y = -7$ $4x - y = -23$
4. $3x - y = -6$ $3x + y = -12$	9. $3x + y = -6$ $2x - y = -4$
5. $x - y = 8$ $x + y = 10$	10. $y = 7$ $x + y = 4$

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