



Common Core Mathematics Practice for Grade 8

CCSS.Math.Content.8.EE.C.8.b - Worksheet #33399

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:

<p>1. $x + y = -8$ $3x - y = -4$</p>	<p>6. $3x - y = -1$ $2x - y = -1$</p>
<p>2. $4x + y = 29$ $3x - y = 6$</p>	<p>7. $5x - y = 0$ $5x + y = 0$</p>
<p>3. $4x + y = 3$ $5x - y = 6$</p>	<p>8. $3x + y = 6$ $4x - y = 1$</p>
<p>4. $x + y = -5$ $4x + y = -11$</p>	<p>9. $2x - y = 15$ $y = 1$</p>
<p>5. $5x + y = -18$ $3x - y = -6$</p>	<p>10. $5x + y = 33$ $2x + y = 12$</p>

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