



Common Core Mathematics Practice for Grade 8

CCSS.Math.Content.8.EE.C.8.b - Worksheet #33307

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. $3x - y = 12$ $y = 0$</p>	<p>6. $4x + y = -28$ $2x + y = -10$</p>
<p>2. $4x + y = -23$ $5x - y = -13$</p>	<p>7. $3x + y = 15$ $4x + y = 17$</p>
<p>3. $2x - y = -10$ $x + y = 1$</p>	<p>8. $3x + y = -22$ $3x - y = -26$</p>
<p>4. $3x + y = 31$ $x + y = 13$</p>	<p>9. $3x + y = -33$ $2x + y = -25$</p>
<p>5. $x + y = 3$ $4x - y = -28$</p>	<p>10. $2x + y = -17$ $y = -3$</p>

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