

X- and Y-Intercepts**Solving Systems of Linear Equations by Addition Method**

$2x + 3y = 7$ $x - y = -1$ $3x = 6$ $\frac{3x}{3} = \frac{6}{3}$ $x = 2$ <p>Substitute 2 for x in $2x + 3y = 7$.</p>	$2x + 3y = 7$ $2(2) + 3y = 7$ $4 + 3y = 7$ $3y = 3$ $y = 1$ <p>answer (2, 1)</p>
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Solve.

1. $2x - 5 = y$
 $x - 7 = -y$

2. $x + 4y = 2$
 $-x + y = 8$

3. $y = 2x - 2$
 $-y = x$

4. $3x + y = 8$
 $3x - y = 4$

5. $2x - y = 6$
 $3x + y = 4$

6. $y = 5x + 1$
 $2y = -5x + 2$

7. $x + y = 7$
 $x - y = 3$

8. $3x + y = 5$
 $x - y = 7$

9. $3x - 4y = 14$
 $x + 4y = 2$

10. $5x - 3y = -1$
 $4x + 3y = 10$

11. $8x - 3y = 1$
 $-8x + 5y = 9$

12. $3y - 4x = 5$
 $y + 4x = 7$

13. $2x - 2y = 14$
 $x + 2y = 1$

14. $2x - 7y = 4$
 $-x + 7y = -9$