

ECUACIONES DE PRIMER GRADO

- 1) $v - (2v + 1) = 8 - (3v + 3)$
- 2) $15t - 10 = 6t - (t + 2) + (-t + 3)$
- 3) $(5 - 3a) - (-4a + 6) = (8a + 11) - (3a - 6)$
- 4) $30b - (-b + 6) + (-5b + 4) = -(5b + 6) + (-8 + 3b)$
- 5) $15x + (-6x + 5) - 2 - (-x + 3) = -(7x + 23) - x + (3 - 2x)$
- 6) $3y + [-5y - (y + 3)] = 8y + (-5y - 9)$
- 7) $16m - [3m - (6 - 9m)] = 30m + [-(3m + 2) - (m + 3)]$
- 8) $t - [5 + 3t - \{5t - (6 + t)\}] = -3$
- 9) $9R - (5R + 1) - \{2 + 8R - (7R - 5)\} + 9R = 0$
- 10) $71 + [-5x + (-2x + 3)] = 25 - [-(3x + 4) - (4x + 3)]$

Respuestas:

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|-----------------------|----------------------|
| 1) $v = 3$ | 6) $y = 1$ |
| 2) $t = 1$ | 7) $m = \frac{1}{2}$ |
| 3) $a = -\frac{9}{2}$ | 8) $t = 4$ |
| 4) $b = -\frac{3}{7}$ | 9) $R = \frac{2}{3}$ |
| 5) $x = -1$ | 10) $x = 3$ |