

Practice

Solve the equations.

① $8x - 9 = 9x$

② $-9x = 24$

③ $4x - 8 = x - 14$

④ $3(3x - 1) = 4(3x + 1)$

⑤ $2x + 3y = 6$ Solve for x .

⑥ $x - 3y = 2z$ Solve for y .

⑦ $4x + 3y - 5 = 0$ Solve for y .

⑧ $V = \pi r^2 h$. Solve for h .

Homework

① $2x + 3 = 5x + 11$

② $12 - 2x = 3x - 4$

③ $2(x + 3) = 5x + 11$

④ $7 - 4x = -3$

⑤ $-2(x + 5) - 12 = 3(10 - x)$

⑥ $9(3x + 2) - 10x = 12x - 7$

⑦ $5x - 2y = -3$ Solve for y .

⑧ $3z = -2x - 4y$. Solve for x .

⑨ $3x^2y - 1 = 0$ Solve for y .

⑩ $5(F - 32) = 9C$. Solve for F .