Solve:

$4x + 5 = 2x + 13$

$2x + 5 = 13$

$2x = 8$

$x = 4$

Solve:

$3x + 4 = x + 10$

$2x + 4 = 10$

$2x = 6$

$x = 3$

Solve:

$2x + 9 = 3x + 4$

$9 = x + 4$

$5 = x$

$x = 5$

Solve:

$6x - 10 = 3x + 11$

$3x - 10 = 11$

$3x = 21$

$x = 7$

Solve:

$5x - 9 = 3x - 5$

$2x - 9 = -5$

$2x = 4$

$x = 2$

Solve:

$3x - 5 = 7x + 15$

$-5 = 4x + 15$

$-20 = 4x$

$x = -5$

Solve:

$9x - 15 = 3x + 27$

$6x - 15 = 27$

$6x = 42$

$x = 7$

Solve:

$3(4x + 2) = 5(2x + 4)$

$12x + 6 = 10x + 20$

$2x + 6 = 20$

$2x = 14$

$x = 7$

Solve:

$2(5x - 3) = 4(4x - 6)$

$10x - 6 = 16x - 24$

$-6 = 6x - 24$

$18 = 6x$

$x = 3$

Solve:

$\frac{4x + 5}{2} = 3x + 12$

$4x + 5 = 2(3x + 12)$

$4x + 5 = 6x + 24$

$5 = 2x + 24$

$2x = -19$

$x = -9.5$

Solve:

$\frac{2(x - 8)}{3} = \frac{2(x - 11)}{5}$

$\frac{2x - 16}{3} = \frac{2x - 22}{5}$

$5(2x - 16) = 3(2x - 22)$

$10x - 80 = 6x - 66$

$4x - 80 = -66$

$4x = 14$

$x = 3.5$

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