

1次方程式の解き方2

NO. 1

名前

/14 点

次の方程式を解きなさい。

(1) $9x + 3 = 30$

(2) $5x + 3 = 13$

(3) $3x - 8 = -20$

(4) $2x - 6 = -14$

(5) $6x = 22 - 5x$

(6) $8x = 24 - 4x$

(7) $3x = 4x + 3$

(8) $2x = 9x - 21$

(9) $5x + 2 = 32$

(10) $6x + 2 = 38$

(11) $3x - 6 = -18$

(12) $2x - 6 = -14$

(13) $7x = 54 - 2x$

(14) $4x = 48 - 4x$

解答

(1) $9x + 3 = 30$

$9x = 30 - 3$

$9x = 27$

$x = 3$

(3) $3x - 8 = -20$

$3x = -20 + 8$

$3x = -12$

$x = -4$

(5) $6x = 22 - 5x$

$6x + 5x = 22$

$11x = 22$

$x = 2$

(7) $3x = 4x + 3$

$3x - 4x = 3$

$-x = 3$

$x = -3$

(9) $5x + 2 = 32$

$5x = 32 - 2$

$5x = 30$

$x = 6$

(11) $3x - 6 = -18$

$3x = -18 + 6$

$3x = -12$

$x = -4$

(13) $7x = 54 - 2x$

$7x + 2x = 54$

$9x = 54$

$x = 6$

(2) $5x + 3 = 13$

$5x = 13 - 3$

$5x = 10$

$x = 2$

(4) $2x - 6 = -14$

$2x = -14 + 6$

$2x = -8$

$x = -4$

(6) $8x = 24 - 4x$

$8x + 4x = 24$

$12x = 24$

$x = 2$

(8) $2x = 9x - 21$

$2x - 9x = -21$

$-7x = -21$

$x = 3$

(10) $6x + 2 = 38$

$6x = 38 - 2$

$6x = 36$

$x = 6$

(12) $2x - 6 = -14$

$2x = -14 + 6$

$2x = -8$

$x = -4$

(14) $4x = 48 - 4x$

$4x + 4x = 48$

$8x = 48$

$x = 6$