

1年 9 (1)	1次方程式を解くこと	____年 ____組 名前
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1 次の方程式を解きなさい。

① $5x - 4 = 11$

$$5x = 11 + 4$$

$$5x = 15$$

$$x = 3$$

② $8x + 5 = 13$

$$8x = 13 - 5$$

$$8x = 8$$

$$x = 1$$

③ $4x - 9 = 15$

$$4x = 15 + 9$$

$$4x = 24$$

$$x = 6$$

④ $8 + 3x = -10$

$$3x = -10 - 8$$

$$3x = -18$$

$$x = -6$$

⑤ $7 + 6x = -5$

$$6x = -5 - 7$$

$$6x = -12$$

$$x = -2$$

⑥ $7y - 9 = 19$

$$7y = 19 + 9$$

$$7y = 28$$

$$y = 4$$

⑦ $37 + 12x = -11$

$$12x = -11 - 37$$

$$12x = -48$$

$$x = -4$$

⑧ $-2x - 1 = 5$

$$-2x = 5 + 1$$

$$-2x = 6$$

$$x = -3$$

⑨ $-3x + 2 = 5$

$$-3x = 5 - 2$$

$$-3x = 3$$

$$x = -1$$

⑩ $-10x + 7 = -13$

$$-10x = -13 - 7$$

$$-10x = -20$$

$$x = 2$$

⑪ $-5x + 9 = -6$

$$-5x = -6 - 9$$

$$-5x = -15$$

$$x = 3$$

⑫ $-10 - 4y = -22$

$$-4y = -22 + 10$$

$$-4y = -12$$

$$y = 3$$

⑬ $-16 - 13x = 36$

$$-13x = 36 + 16$$

$$-13x = 52$$

$$x = -4$$

⑭ $-6x + 17 = -3$

$$-6x = -3 - 17$$

$$-6x = -20$$

$$x = \frac{20}{6} = \frac{10}{3}$$

1年
9
(2)

1次方程式を解くこと

___年 ___組
名前

1 次の方程式を解きなさい。

① $9x = 5x + 12$

$$9x - 5x = 12$$

$$4x = 12$$

$$x = 3$$

② $5x = 2x + 15$

$$5x - 2x = 15$$

$$3x = 15$$

$$x = 5$$

③ $8x = 3x - 20$

$$8x - 3x = -20$$

$$5x = -20$$

$$x = -4$$

④ $4x = 7x + 9$

$$4x - 7x = 9$$

$$-3x = 9$$

$$x = -3$$

⑤ $6x - 14 = 4x$

$$6x - 4x = 14$$

$$2x = 14$$

$$x = 7$$

⑥ $3 + 4y = y$

$$4y - y = -3$$

$$3y = -3$$

$$y = -1$$

⑦ $-14 - 12x = 2x$

$$-12x - 2x = 14$$

$$-14x = 14$$

$$x = -1$$

⑧ $2x = -20 + 7x$

$$2x - 7x = -20$$

$$-5x = -20$$

$$x = 4$$

⑨ $3x = 5x + 4$

$$3x - 5x = 4$$

$$-2x = 4$$

$$x = -2$$

⑩ $-9x + 39 = 4x$

$$-9x - 4x = -39$$

$$-13x = -39$$

$$x = 3$$

⑪ $-8x = -11x - 15$

$$-8x + 11x = -15$$

$$3x = -15$$

$$x = -5$$

⑫ $-9y - 36 = 3y$

$$-9y - 3y = 36$$

$$-12y = 36$$

$$y = -3$$

⑬ $-x + 16 = -9x$

$$-x + 9x = -16$$

$$8x = -16$$

$$x = -2$$

⑭ $-3x + 22 = -9x$

$$-3x + 9x = -22$$

$$6x = -22$$

$$x = -\frac{22}{6} = -\frac{11}{3}$$

1年 9 (3)	1次方程式を解くこと	____年 ____組
		名前

1 次の方程式を解きなさい。

① $4x + 5 = 3x + 10$

$$4x - 3x = 10 - 5$$

$$x = 5$$

② $2x - 5 = 4x + 15$

$$2x - 4x = 15 + 5$$

$$-2x = 20$$

$$x = -10$$

③ $3x + 7 = 7x - 9$

$$3x - 7x = -9 - 7$$

$$-4x = -16$$

$$x = 4$$

④ $-4x - 7 = 9 + 4x$

$$-4x - 4x = 9 + 7$$

$$-8x = 16$$

$$x = -2$$

⑤ $-1 + 6x = 7x + 5$

$$6x - 7x = 5 + 1$$

$$-x = 6$$

$$x = -6$$

⑥ $5 - 4y = -7y + 11$

$$-4y + 7y = 11 - 5$$

$$3y = 6$$

$$y = 2$$

⑦ $12x - 15 = 15 + 18x$

$$12x - 18x = 15 + 15$$

$$-6x = 30$$

$$x = -5$$

⑧ $3x + 11 = -7x - 19$

$$3x + 7x = -19 - 11$$

$$10x = -30$$

$$x = -3$$

⑨ $2x - 27 = 7x + 3$

$$2x - 7x = 3 + 27$$

$$-5x = 30$$

$$x = -6$$

⑩ $-x - 2 = x + 2$

$$-x - x = 2 + 2$$

$$-2x = 4$$

$$x = -2$$

⑪ $5x - 7 = 8x - 10$

$$5x - 8x = -10 + 7$$

$$-3x = -3$$

$$x = 1$$

⑫ $5 - 8y = 4y - 31$

$$-8y - 4y = -31 - 5$$

$$-12y = -36$$

$$y = 3$$

⑬ $17 - 3x = 4x - 18$

$$-3x - 4x = -18 - 17$$

$$-7x = -35$$

$$x = 5$$

⑭ $4x - 7 = 9x - 5$

$$4x - 9x = -5 + 7$$

$$-5x = 2$$

$$x = -\frac{2}{5}$$