

1 〔方程式とその解〕 等式の性質を用いて、次の方程式を解きなさい。

□(1) $x - 3 = 5$

□(2) $x + 4 = 8$

□(3) $x - 1 = -6$

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□(4) $7 + x = 0$

□(5) $x - 6 = -5$

□(6) $-1 + x = 9$

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□(7) $2x = -8$

□(8) $3x = 12$

□(9) $-5x = -15$

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□(10) $4x = 24$

□(11) $-8x = 16$

□(12) $7x = 35$

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□(13) $\frac{x}{2} = 5$

□(14) $\frac{x}{3} = -6$

□(15) $-\frac{x}{5} = 4$

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2 〔移項を用いた方程式の解法〕 次の方程式を解きなさい。

□(1) $2x = 5 + x$

□(2) $5x = 4x - 1$

□(3) $-x = 4 - 2x$

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□(4) $3x - 1 = 5$

□(5) $2x + 7 = -3$

□(6) $5x - 4 = 6$

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□(7) $7 - 2x = 1$

□(8) $-x + 4 = 10$

□(9) $5x = 8 + x$

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$$\square(10) \quad 2x - 1 = x + 4$$

$$\square(11) \quad 5x + 2 = 3x - 4$$

$$\square(12) \quad x - 8 = 3x + 6$$

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$$\square(13) \quad 3x + 4 = 6x - 5$$

$$\square(14) \quad 4x - 1 = -x + 9$$

$$\square(15) \quad 7x + 2 = 10 + 3x$$

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$$\square(16) \quad x - 8 = 5x + 4$$

$$\square(17) \quad 6 - x = 4x - 14$$

$$\square(18) \quad 8x - 3 = 7 - 2x$$

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3 【かっこをふくむ方程式の解法】 次の方程式を解きなさい。

$$\square(1) \quad 2(x - 3) = 4$$

$$\square(2) \quad 3(2x + 5) = 9$$

$$\square(3) \quad 5x - (3x - 7) = 1$$

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$$\square(4) \quad 3(x + 2) - 7 = 8$$

$$\square(5) \quad 4(x - 3) = 7x$$

$$\square(6) \quad 2(x - 3) + 1 = 5$$

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$$\square(7) \quad x + 3(x - 1) = 9$$

$$\square(8) \quad 4(x + 1) - 7 = 3x$$

$$\square(9) \quad 2(x - 5) = 7x$$

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$$\square(10) \quad 5x - (2x - 1) = 10$$

$$\square(11) \quad x + 1 = 5(x - 3)$$

$$\square(12) \quad 4(x - 2) = 5x + 1$$

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$$\square(13) \quad 3(2x + 1) - x = 13$$

$$\square(14) \quad 2(x - 4) - 3x = 1$$

$$\square(15) \quad 5(x + 3) - 2 = 2x + 1$$

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