

1次方程式, さとめ1.

組名 \_\_\_\_\_

1. 次の方程式を解きなさい。

(1)  $x - 2 = 3$

(2)  $2x = -10$

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

(4)  $-36x = 48$

(5)  $-1.8x = -36$

(6)  $x + \frac{1}{3} = \frac{10}{3}$

(7)  $3x - 5 = 10$

(8)  $7x + 8 = -20$

(9)  $3x + 4 = -2x + 14$

(10)  $2x - 15 = -9 - x$

(11)  $2x - 5 = 3(x - 10)$

(12)  $15 - (3x - 1) = 10$

(13)  $0.5x - 3 = 2.3x + 4.2$

(14)  $\frac{x+3}{2} = \frac{x+1}{3}$

1次方程式, さとめ2.

組名 \_\_\_\_\_

(1)  $4x = 12$

(2)  $-5x = 30$

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

(4)  $-\frac{3}{2}x = 6$

(5)  $x + 11 = 6$

(6)  $-x + 40 = 17$

(7)  $-2x - 5 = 7$

(8)  $3x = 50 - 2x$

(9)  $5x - 10 = 4x + 2$

(10)  $8x + 3 = 5x - 9$

(11)  $5(x - 4) = 3x - 2$

(12)  $2(x - 4) = 3(2x - 1)$

(13)  $\frac{1}{4}x - 1 = \frac{1}{2}x$

(14)  $\frac{3x-7}{5} = \frac{x+1}{2}$

## 1次方程式, まとめ3

## 練習

(1)  $3x = 15$

(2)  $2x = -8$

(3)  $-9x = -3$

(4)  $\frac{x}{3} = 2$

(5)  $\frac{2}{3}x = 4$

(6)  $-\frac{7}{9}x = 7$

(7)  $x - 5 = -9$

(8)  $x + 16 = -3$

(9)  $12 + x = -8$

(10)  $6x - 11 = 13$

(11)  $-2x + 9 = 3$

(12)  $7x + 8 = -20$

(13)  $5x - 10 = 3x + 2$

(14)  $5(x - 10) = 3x + 10$

(15)  $0.3 - 0.4x = 0.5x + 0.8$

(16)  $700x - 1000 = -300x + 2000$

(17)  $\frac{x-2}{3} = \frac{x+3}{2}$

(18)  $2x - \frac{3x-9}{3} = 6$

## 1次方程式, まとめ4

## 練習

(1)  $6x = 12$

(2)  $-5x = 20$

(3)  $-x = 15$

(4)  $\frac{x}{4} = -3$

(5)  $\frac{2}{7}x = 6$

(6)  $\frac{3}{5}x = -\frac{9}{10}$

(7)  $x + 28 = -16$

(8)  $-6 + x = -25$

(9)  $x + \frac{3}{4} = \frac{7}{8}$

(10)  $4x + 1 = -15$

(11)  $-2x - 8 = 12$

(12)  $-5x = 21 + 2x$

(13)  $33 - x = x + 45$

(14)  $28 + 4(x + 5) = -12$

(15)  $-60 - 5x = 5x - 100$

(16)  $\frac{2}{3}x - \frac{1}{4}x = -\frac{1}{8}$

(17)  $\frac{x-1}{3} = \frac{3x+5}{6}$

(18)  $\frac{x-1}{3} - \frac{x+3}{2} = 5$

## 1次方程式. まとの5

## 組分け

(1)  $2x = 6$

(2)  $-x = 3$

(3)  $8x = 4$

(4)  $\frac{x}{6} = 1$

(5)  $\frac{1}{9}x = -4$

(6)  $\frac{5}{7}x = 10$

(7)  $x + 5 = 12$

(8)  $6 + x = 4$

(9)  $-8 = x - 5$

(10)  $4x - 1 = -15$

(11)  $-2x + 9 = 9$

(12)  $-2x + 9 = -x$

(13)  $5x - 10 = 3x + 2$

(14)  $-5 - x = 3x + 19$

(15)  $3(3x - 1) = 2(5x - 10)$

(16)  $-0.6 - 0.05x = 0.05x - 1$

(17)  $\frac{x+3}{2} = \frac{x+1}{3}$

(18)  $x + 1 - \frac{1+x}{4} = -1$

## 1次方程式. まとの6

## 組分け

(1)  $10x = 100$

(2)  $4x = 2$

(3)  $-5x = -20$

(4)  $\frac{x}{2} = 8$

(5)  $\frac{2}{3}x = 6$

(6)  $-\frac{3}{5}x = -\frac{9}{5}$

(7)  $x - 3 = 0$

(8)  $8 - x = 7$

(9)  $6 = 9 + x$

(10)  $5x - 8 = 7$

(11)  $8x = -25 + 3x$

(12)  $3x = 5x + 18$

(13)  $6 + 4x = 5x - 13$

(14)  $13x - 75 = 125 - 7x$

(15)  $15 - (3x - 1) = 10$

(16)  $2(x - 3) - 4(1 - x) = x$

(17)  $x - \frac{x-1}{2} = 1$

(18)  $\frac{x-1}{2} = \frac{2x-3}{3}$