

# 一次方程式【分数・分数解編】No.1

1. 次の方程式を解きなさい。

$$(1) \frac{3x+5}{3} = -\frac{4x-6}{3}$$

答. \_\_\_\_\_

$$(2) \frac{4}{3}(x+4) = \frac{5}{2}(x-6)$$

答. \_\_\_\_\_

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

答. \_\_\_\_\_

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

答. \_\_\_\_\_

$$(5) 2x - \frac{1}{4} = 3$$

答. \_\_\_\_\_

$$(6) \frac{4x-6}{5} = \frac{4x+1}{3}$$

答. \_\_\_\_\_

$$(7) \frac{2x-2}{5} = -\frac{6x+4}{3}$$

答. \_\_\_\_\_

$$(8) \frac{9}{2}x - \frac{7}{8} = \frac{1}{3}$$

答. \_\_\_\_\_

$$(9) \frac{3x-6}{4} + \frac{6x-5}{2} = -3$$

答. \_\_\_\_\_

$$(10) \frac{3x+3}{2} + \frac{6x-5}{4} = -5$$

答. \_\_\_\_\_

## 一次方程式【分数・分数解編】No.2

1. 次の方程式を解きなさい。

$$(1) \frac{5x+4}{2} + \frac{2x-5}{4} = 5$$

答. \_\_\_\_\_

$$(2) \frac{3x+3}{2} + \frac{6x-5}{4} = -5$$

答. \_\_\_\_\_

$$(3) 2x - 1 + \frac{4x+1}{2} = -5$$

答. \_\_\_\_\_

$$(4) \frac{5x+2}{3} = -\frac{x-1}{5}$$

答. \_\_\_\_\_

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

答. \_\_\_\_\_

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$$(6) x - 2 = 3x + 3$$

答. \_\_\_\_\_

$$(7) \frac{4x-3}{4} = \frac{6x+4}{3}$$

答. \_\_\_\_\_

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

答. \_\_\_\_\_

$$(9) \frac{4}{3}(x+2) = \frac{1}{2}(x-5)$$

答. \_\_\_\_\_

$$(10) \frac{3x-3}{2} = -\frac{x-3}{3}$$

答. \_\_\_\_\_

# 一次方程式【分数・分数解編】No.3

1. 次の方程式を解きなさい。

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

答. \_\_\_\_\_

$$(2) \frac{3}{2}(x+4) = \frac{1}{6}(x+1)$$

答. \_\_\_\_\_

$$(3) \frac{3}{2}(x-4) = \frac{1}{2}(x+5)$$

答. \_\_\_\_\_

$$(4) \frac{4x+5}{3} - 3x + 1 = -1$$

答. \_\_\_\_\_

$$(5) \frac{3}{4}(x-4) = \frac{1}{4}(x-5)$$

答. \_\_\_\_\_

$$(6) \frac{6x+4}{5} - \frac{3x-2}{2} = -2$$

答. \_\_\_\_\_

$$(7) \frac{7}{4}x + \frac{1}{2} = \frac{7}{6}$$

答. \_\_\_\_\_

$$(8) \frac{5}{4}x - \frac{3}{2} = \frac{5}{6}$$

答. \_\_\_\_\_

$$(9) 2x - 2 - \frac{4x+4}{3} = -3$$

答. \_\_\_\_\_

$$(10) x + 1 = \frac{4x+1}{2}$$

答. \_\_\_\_\_

# 一次方程式【分数・分数解編】No.4

1. 次の方程式を解きなさい。

$$(1) \frac{6x+3}{4} = \frac{x-1}{3}$$

答. \_\_\_\_\_

$$(2) \frac{2x+1}{3} + \frac{3x+3}{5} = -6$$

答. \_\_\_\_\_

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

答. \_\_\_\_\_

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

答. \_\_\_\_\_

$$(5) \frac{6x+5}{3} - \frac{5x+5}{4} = 2$$

答. \_\_\_\_\_

$$(6) \frac{4x+6}{3} = -x-1$$

答. \_\_\_\_\_

$$(7) \frac{1}{2}(x-2) = 2(x-6)$$

答. \_\_\_\_\_

$$(8) \frac{5}{4}x - \frac{3}{2} = \frac{5}{4}$$

答. \_\_\_\_\_

$$(9) \frac{3x+5}{3} = -\frac{4x-6}{3}$$

答. \_\_\_\_\_

$$(10) \frac{x+4}{4} = -\frac{5x-5}{4}$$

答. \_\_\_\_\_

# 一次方程式【分数・分数解編】No.5

1. 次の方程式を解きなさい。

(1)  $\frac{4}{3}(x+4) = \frac{5}{2}(x-6)$

答. \_\_\_\_\_

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

答. \_\_\_\_\_

(3)  $\frac{7}{4}x + \frac{1}{2} = \frac{7}{6}$

答. \_\_\_\_\_

(4)  $\frac{2x-2}{5} = -\frac{6x+4}{3}$

答. \_\_\_\_\_

(5)  $\frac{6x-5}{4} = x+2$

答. \_\_\_\_\_

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

答. \_\_\_\_\_

(7)  $\frac{4x+6}{3} = -x-1$

答. \_\_\_\_\_

(8)  $\frac{2x+1}{3} + \frac{3x+3}{5} = -6$

答. \_\_\_\_\_

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

答. \_\_\_\_\_

(10)  $\frac{7}{8}x + \frac{5}{4} = \frac{3}{2}$

答. \_\_\_\_\_