

# 一次方程式【分数編】No.1

1. 次の方程式を解きなさい。

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

答. \_\_\_\_\_

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

答. \_\_\_\_\_

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

答. \_\_\_\_\_

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

答. \_\_\_\_\_

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

答. \_\_\_\_\_

(6)  $\frac{1}{5}x - \frac{8}{5} = \frac{9}{5}$

答. \_\_\_\_\_

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

答. \_\_\_\_\_

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

答. \_\_\_\_\_

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

答. \_\_\_\_\_

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

答. \_\_\_\_\_

## 一次方程式【分数編】No.2

1. 次の方程式を解きなさい。

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

答. \_\_\_\_\_

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

答. \_\_\_\_\_

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

答. \_\_\_\_\_

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

答. \_\_\_\_\_

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

答. \_\_\_\_\_

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

答. \_\_\_\_\_

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

答. \_\_\_\_\_

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

答. \_\_\_\_\_

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

答. \_\_\_\_\_

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

答. \_\_\_\_\_

# 一次方程式【分数編】No.3

1. 次の方程式を解きなさい。

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

答. \_\_\_\_\_

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

答. \_\_\_\_\_

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

答. \_\_\_\_\_

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

答. \_\_\_\_\_

$$(5) \frac{1}{9}x - \frac{8}{9} = \frac{2}{9}$$

答. \_\_\_\_\_

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

答. \_\_\_\_\_

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

答. \_\_\_\_\_

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

答. \_\_\_\_\_

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

答. \_\_\_\_\_

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

答. \_\_\_\_\_

# 一次方程式【分数編】No.4

1. 次の方程式を解きなさい。

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

答. \_\_\_\_\_

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

答. \_\_\_\_\_

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

答. \_\_\_\_\_

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

答. \_\_\_\_\_

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

答. \_\_\_\_\_

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

答. \_\_\_\_\_

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

答. \_\_\_\_\_

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

答. \_\_\_\_\_

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

答. \_\_\_\_\_

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

答. \_\_\_\_\_

# 一次方程式【分数編】No.5

1. 次の方程式を解きなさい。

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

答. \_\_\_\_\_

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

答. \_\_\_\_\_

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

答. \_\_\_\_\_

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

答. \_\_\_\_\_

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

答. \_\_\_\_\_

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

答. \_\_\_\_\_

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

答. \_\_\_\_\_

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

答. \_\_\_\_\_

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

答. \_\_\_\_\_

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

答. \_\_\_\_\_