

一次方程式【分数編】No.1の解答

1. 次の方程式を解きなさい。

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

答. 31

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

答. 10

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

答. -3

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

答. -1

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

答. -9

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

答. 17

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

答. 13

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

答. -3

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

答. -23

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

答. 5

一次方程式【分数編】No.2の解答

1. 次の方程式を解きなさい。

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

答. 26

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

答. -9

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

答. -3

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

答. -10

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

答. 13

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

答. 6

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

答. 10

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

答. 4

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

答. -2

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

答. 54

一次方程式【分数編】No.3の解答

1. 次の方程式を解きなさい。

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

答. -23

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

答. -9

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

答. 4

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

答. -22

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

答. 10

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

答. -5

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

答. 54

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

答. 6

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

答. -9

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

答. 5

一次方程式【分数編】No.4の解答

1. 次の方程式を解きなさい。

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

答. -1

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

答. -3

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

答. -23

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

答. 2

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

答. 34

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

答. -3

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

答. -7

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

答. -22

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

答. -9

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

答. -30

一次方程式【分数編】No.5の解答

1. 次の方程式を解きなさい。

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

答. -22

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

答. -3

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

答. -22

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

答. -7

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

答. 26

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

答. -30

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

答. -14

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

答. 5

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

答. -9

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

答. -1