

## 中2 式と計算<等式の変形 標準> No.1

1. 次の等式を,【 】の中の文字について解きなさい。

(1)  $7x + 6y = -2$  [x]

答.  $x =$  \_\_\_\_\_

(2)  $6x - 9y = 7$  [x]

答.  $x =$  \_\_\_\_\_

(3)  $x - 3y = 5$  [x]

答.  $x =$  \_\_\_\_\_

(4)  $-x - y = 8$  [y]

答.  $x =$  \_\_\_\_\_

(5)  $\frac{x}{9} + \frac{y}{7} = 9$  [x]

答.  $x =$  \_\_\_\_\_

(6)  $\frac{x}{3} + \frac{y}{8} = 5$  [x]

答.  $x =$  \_\_\_\_\_

(7)  $\frac{x}{5} + \frac{y}{3} = 4$  [x]

答.  $x =$  \_\_\_\_\_

(8)  $-2(y + 1) = -8x$  [y]

答.  $x =$  \_\_\_\_\_

(9)  $-6(x - y) = z$  [x]

答.  $x =$  \_\_\_\_\_

(10)  $S = \frac{(x - y)h}{7}$  [x]

答.  $x =$  \_\_\_\_\_

中2 式と計算<等式の変形 標準> No.2

1. 次の等式を,【 】の中の文字について解きなさい。

(1)  $9x + 3y = 7$  [x]

答.  $x =$  \_\_\_\_\_

(2)  $-5x - 9y = -4$  [y]

答.  $x =$  \_\_\_\_\_

(3)  $6x - 7y = 7$  [y]

答.  $x =$  \_\_\_\_\_

(4)  $-9x - 2y = 8$  [x]

答.  $x =$  \_\_\_\_\_

(5)  $\frac{x}{9} + \frac{y}{2} = 9$  [x]

答.  $x =$  \_\_\_\_\_

(6)  $S = \frac{2}{5}xy$  [x]

答.  $x =$  \_\_\_\_\_

(7)  $\frac{x}{4} + \frac{y}{5} = 7$  [x]

答.  $x =$  \_\_\_\_\_

(8)  $S = \frac{(x+y)h}{5}$  [x]

答.  $x =$  \_\_\_\_\_

(9)  $S = \frac{(x-y)h}{9}$  [x]

答.  $x =$  \_\_\_\_\_

(10)  $S = \frac{(x-y)h}{3}$  [x]

答.  $x =$  \_\_\_\_\_

## 中2 式と計算<等式の変形 標準> No.3

1. 次の等式を,【 】の中の文字について解きなさい。

(1)  $6x + 8y = 4$  [y]

答.  $x =$  \_\_\_\_\_

(2)  $-5x - 3y = -3$  [y]

答.  $x =$  \_\_\_\_\_

(3)  $-3x + 4y = -1$  [x]

答.  $x =$  \_\_\_\_\_

(4)  $x - 6y = -1$  [x]

答.  $x =$  \_\_\_\_\_

(5)  $\frac{x}{7} + \frac{y}{9} = 5$  [x]

答.  $x =$  \_\_\_\_\_

(6)  $\frac{x}{3} + \frac{y}{7} = 7$  [x]

答.  $x =$  \_\_\_\_\_

(7)  $\frac{x}{3} + \frac{y}{5} = 4$  [x]

答.  $x =$  \_\_\_\_\_

(8)  $-6(y + 4) = 3x$  [y]

答.  $x =$  \_\_\_\_\_

(9)  $7(y + 6) = 4x$  [y]

答.  $x =$  \_\_\_\_\_

(10)  $-9(x - y) = z$  [x]

答.  $x =$  \_\_\_\_\_

中2 式と計算<等式の変形 標準> No.4

1. 次の等式を,【 】の中の文字について解きなさい。

(1)  $2x + 3y = 7$  [x]

答.  $x =$  \_\_\_\_\_

(2)  $-4x + 4y = 2$  [x]

答.  $x =$  \_\_\_\_\_

(3)  $4x - 5y = -5$  [x]

答.  $x =$  \_\_\_\_\_

(4)  $-5x - 9y = -4$  [y]

答.  $x =$  \_\_\_\_\_

(5)  $\frac{x}{5} + \frac{y}{4} = 9$  [x]

答.  $x =$  \_\_\_\_\_

(6)  $\frac{x}{3} + \frac{y}{7} = 6$  [x]

答.  $x =$  \_\_\_\_\_

(7)  $\frac{x}{3} + \frac{y}{2} = 3$  [x]

答.  $x =$  \_\_\_\_\_

(8)  $8(y - 9) = -4x$  [y]

答.  $x =$  \_\_\_\_\_

(9)  $-8(x + y) = z$  [x]

答.  $x =$  \_\_\_\_\_

(10)  $7(x - y) = z$  [x]

答.  $x =$  \_\_\_\_\_

中2 式と計算<等式の変形 標準> No.5

1. 次の等式を,【 】の中の文字について解きなさい。

(1)  $x + y = 4$  [y]

答.  $x =$  \_\_\_\_\_

(2)  $-8x - 7y = -8$  [y]

答.  $x =$  \_\_\_\_\_

(3)  $6x - 9y = 7$  [x]

答.  $x =$  \_\_\_\_\_

(4)  $5x - 9y = 1$  [x]

答.  $x =$  \_\_\_\_\_

(5)  $\frac{x}{9} + \frac{y}{4} = 5$  [x]

答.  $x =$  \_\_\_\_\_

(6)  $\frac{x}{7} + \frac{y}{8} = 5$  [x]

答.  $x =$  \_\_\_\_\_

(7)  $\frac{x}{2} + \frac{y}{7} = 3$  [x]

答.  $x =$  \_\_\_\_\_

(8)  $3(x - y) = z$  [x]

答.  $x =$  \_\_\_\_\_

(9)  $8(y - 3) = 8x$  [y]

答.  $x =$  \_\_\_\_\_

(10)  $2(x + y) = z$  [x]

答.  $x =$  \_\_\_\_\_

中2 式と計算<等式の変形 標準> No.6

1. 次の等式を,【 】の中の文字について解きなさい。

(1)  $-2x - 3y = -7$  [y]

答.  $x =$  \_\_\_\_\_

(2)  $-x - y = 8$  [y]

答.  $x =$  \_\_\_\_\_

(3)  $-6x - 5y = 7$  [y]

答.  $x =$  \_\_\_\_\_

(4)  $-5x + 5y = 9$  [x]

答.  $x =$  \_\_\_\_\_

(5)  $\frac{x}{4} + \frac{y}{9} = 4$  [x]

答.  $x =$  \_\_\_\_\_

(6)  $S = \frac{2}{5}xy$  [x]

答.  $x =$  \_\_\_\_\_

(7)  $\frac{x}{2} + \frac{y}{7} = 8$  [x]

答.  $x =$  \_\_\_\_\_

(8)  $-2(y + 1) = -8x$  [y]

答.  $x =$  \_\_\_\_\_

(9)  $-3(x + y) = z$  [x]

答.  $x =$  \_\_\_\_\_

(10)  $-5(y - 8) = -8x$  [y]

答.  $x =$  \_\_\_\_\_

中2 式と計算<等式の変形 標準> No.7

1. 次の等式を,【 】の中の文字について解きなさい。

(1)  $-x + 4y = -5$  [y]

答.  $x =$  \_\_\_\_\_

(2)  $-2x + 7y = 1$  [x]

答.  $x =$  \_\_\_\_\_

(3)  $-5x + 5y = 5$  [x]

答.  $x =$  \_\_\_\_\_

(4)  $8x + 8y = 4$  [y]

答.  $x =$  \_\_\_\_\_

(5)  $\frac{x}{3} + \frac{y}{4} = 4$  [x]

答.  $x =$  \_\_\_\_\_

(6)  $S = \frac{5}{2}xy$  [x]

答.  $x =$  \_\_\_\_\_

(7)  $\frac{x}{5} + \frac{y}{3} = 4$  [x]

答.  $x =$  \_\_\_\_\_

(8)  $-6(y - 7) = -7x$  [y]

答.  $x =$  \_\_\_\_\_

(9)  $S = \frac{(x+y)h}{9}$  [x]

答.  $x =$  \_\_\_\_\_

(10)  $2(y - 9) = 9x$  [y]

答.  $x =$  \_\_\_\_\_

中2 式と計算<等式の変形 標準> No.8

1. 次の等式を,【 】の中の文字について解きなさい。

(1)  $-2x - 8y = -1$  [y]

答.  $x =$  \_\_\_\_\_

(2)  $5x - 9y = 1$  [x]

答.  $x =$  \_\_\_\_\_

(3)  $7x + 6y = 2$  [x]

答.  $x =$  \_\_\_\_\_

(4)  $3x - 2y = -9$  [y]

答.  $x =$  \_\_\_\_\_

(5)  $S = \frac{5}{6}xy$  [x]

答.  $x =$  \_\_\_\_\_

(6)  $S = \frac{1}{8}xy$  [x]

答.  $x =$  \_\_\_\_\_

(7)  $\frac{x}{2} + \frac{y}{7} = 8$  [x]

答.  $x =$  \_\_\_\_\_

(8)  $9(y + 9) = -4x$  [y]

答.  $x =$  \_\_\_\_\_

(9)  $-2(y - 2) = 6x$  [y]

答.  $x =$  \_\_\_\_\_

(10)  $-9(y + 2) = 5x$  [y]

答.  $x =$  \_\_\_\_\_



中2 式と計算<等式の変形 標準> No.9

1. 次の等式を,【 】の中の文字について解きなさい。

(1)  $7x - y = -4$  [x]

答.  $x =$  \_\_\_\_\_

(2)  $-3x + 4y = -1$  [x]

答.  $x =$  \_\_\_\_\_

(3)  $-9x + 3y = 4$  [x]

答.  $x =$  \_\_\_\_\_

(4)  $-6x + 7y = 2$  [x]

答.  $x =$  \_\_\_\_\_

(5)  $\frac{x}{3} + \frac{y}{4} = 4$  [x]

答.  $x =$  \_\_\_\_\_

(6)  $\frac{x}{7} + \frac{y}{9} = 2$  [x]

答.  $x =$  \_\_\_\_\_

(7)  $\frac{x}{4} + \frac{y}{5} = 9$  [x]

答.  $x =$  \_\_\_\_\_

(8)  $5(y - 3) = 7x$  [y]

答.  $x =$  \_\_\_\_\_

(9)  $-9(y - 2) = 8x$  [y]

答.  $x =$  \_\_\_\_\_

(10)  $-7(y + 7) = x$  [y]

答.  $x =$  \_\_\_\_\_

中2 式と計算<等式の変形 標準> No.10

1. 次の等式を,【 】の中の文字について解きなさい。

(1)  $7x + 6y = -5$  [y]

答.  $x =$  \_\_\_\_\_

(2)  $9x + 7y = 7$  [y]

答.  $x =$  \_\_\_\_\_

(3)  $2x + 8y = 3$  [y]

答.  $x =$  \_\_\_\_\_

(4)  $-x + y = 8$  [x]

答.  $x =$  \_\_\_\_\_

(5)  $\frac{x}{5} + \frac{y}{4} = 9$  [x]

答.  $x =$  \_\_\_\_\_

(6)  $\frac{x}{8} + \frac{y}{3} = 3$  [x]

答.  $x =$  \_\_\_\_\_

(7)  $\frac{x}{9} + \frac{y}{2} = 6$  [x]

答.  $x =$  \_\_\_\_\_

(8)  $-6(y - 4) = 9x$  [y]

答.  $x =$  \_\_\_\_\_

(9)  $4(x - y) = z$  [x]

答.  $x =$  \_\_\_\_\_

(10)  $-2(x - y) = z$  [x]

答.  $x =$  \_\_\_\_\_