

## 等式の変形1

NO.1名前  / 8 点

1 次の各式を内の文字について解きなさい。

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

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

(3)  $a - 4b = -3$  [ a ]

(4)  $V = \frac{1}{6} a h$  [ h ]

(5)  $9x - y = 8$  [ x ]

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

(7)  $-5a + b + 3 = 0$  [ b ]

(8)  $-8x - 3y = 13z$  [ z ]

## 解答

$$(1) \quad x = -y + 6$$

$$(2) \quad y = 5x - 3$$

$$(3) \quad a = 4b - 3$$

$$(4) \quad h = \frac{6V}{a}$$

$$(5) \quad 9x = y + 8$$

$$x = \frac{y + 8}{9}$$

$$(6) \quad -3y = -8x + 2$$

$$3y = 8x - 2$$

$$y = \frac{8x - 2}{3}$$

$$(7) \quad b = 5a - 3$$

$$(8) \quad 13z = -8x - 3y$$

$$z = \frac{-8x - 3y}{13}$$