

■ 次の等式を[]の中の文字について解きなさい。

① $5x + y = 4$ [x]

⑤ $2ab + c = 1$ [a]

② $3ab = 5$ [a]

⑥ $S = \frac{1}{2}ah$ [a]

③ $\frac{x+y}{3} = -2$ [y]

⑦ $x + y + z = -1$ [z]

④ $\frac{1}{2}x + y = 3$ [x]

⑧ $5a + 3b = \frac{1}{2}$ [b]

■ 次の等式を[]の中の文字について解きなさい。

① $5x + y = 4$ [x]

$$5x = 4 - y$$

$$x = \frac{4 - y}{5}$$

② $3ab = 5$ [a]

$$a = \frac{5}{3b}$$

③ $\frac{x + y}{3} = -2$ [y]

$$x + y = -6$$

$$y = -6 - x$$

④ $\frac{1}{2}x + y = 3$ [x]

$$x + 2y = 6$$

$$x = 6 - 2y$$

⑤ $2ab + c = 1$ [a]

$$2ab = 1 - c$$

$$a = \frac{1 - c}{2b}$$

⑥ $S = \frac{1}{2}ah$ [a]

$$a = \frac{2S}{h}$$

⑦ $x + y + z = -1$ [z]

$$z = -1 - x - y$$

⑧ $5a + 3b = \frac{1}{2}$ [b]

$$3b = \frac{1}{2} - 5a$$

$$b = \frac{1}{6} - \frac{5a}{3}$$