

■ 次の等式を[]の中の文字について解きなさい。

① $2x + y = 3$ [y]

⑤ $3x = 5y - 10$ [y]

② $3a - 6b = -1$ [a]

⑥ $xy + z = 1$ [x]

③ $3xy = 9$ [x]

⑦ $\frac{a+b}{2} = 3c$ [b]

④ $V = a^2h$ [h]

⑧ $S = \frac{1}{2}ah$ [a]

■ 次の等式を[]の中の文字について解きなさい。

$$\textcircled{1} 2x + y = 3 \quad [y]$$

$$y = -2x + 3$$

$$\textcircled{2} 3a - 6b = -1 \quad [a]$$

$$3a = 6b - 1$$

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

$$\textcircled{3} 3xy = 9 \quad [x]$$

$$x = \frac{3}{y}$$

$$\textcircled{4} V = a^2h \quad [h]$$

$$h = \frac{V}{a^2}$$

$$\textcircled{5} 3x = 5y - 10 \quad [y]$$

$$5y = 3x + 10$$

$$y = \frac{3}{5}x + 2$$

$$\textcircled{6} xy + z = 1 \quad [x]$$

$$xy = 1 - z$$

$$x = \frac{1}{y} - \frac{z}{y}$$

$$\textcircled{7} \frac{a+b}{2} = 3c \quad [b]$$

$$a + b = 6c$$

$$b = 6c - a$$

$$\textcircled{8} S = \frac{1}{2}ah \quad [a]$$

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